

CAMPBELL UNION HIGH SCHOOL DISTRICT



COURSE CATALOG

2025-2026

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MISSION STATEMENT

Campbell Union High School District seeks to provide a challenging learning environment enabling students to exceed standards and expectations and to assume adult roles as positive, contributing citizens in a dynamic global society.

Students:

- Will experience a rigorous, meaningful curriculum
- Use technology in a variety of ways
- Solve problems and make decisions in a variety of ways
- Set goals and communicate and collaborate effectively

BOARD OF TRUSTEES

Elisabeth Halliday, President

James Kim, Board Clerk

Linda Goytia, Alternate Board Clerk

Jason Baker, Member

Aine O'Donovan, Member

NON-Discrimination Statement

Campbell Union High School District schools do not discriminate, regarding student choices of classes, based on gender, sex, race, color, religion, ancestry, national origin, ethnic group identification, marital or parental status, physical or mental disability, sexual orientation or the perception of one or more of such characteristics.

Comprehensive High Schools

BRANHAM HIGH SCHOOL

1570 Branham Lane
San Jose 95118
(408)626-3407

DEL MAR HIGH SCHOOL

1224 Del Mar Ave
San Jose 95128
(408)626-3403

LEIGH HIGH SCHOOL

5210 Leigh Avenue
San Jose 95124
(408)626-3405

PROSPECT HIGH SCHOOL

18900 Prospect Road
Saratoga 95070
(408)626-3408

WESTMONT HIGH SCHOOL

4805 Westmont Avenue
Campbell 95008
(408)626-3406

Alternative High Schools

BOYNTON HIGH SCHOOL & INDEPENDENT STUDY PROGRAM (ISP)

901 Boynton Avenue
San Jose 95117
(408)626-3404
Grade Level: 11-12

CAMPBELL ADULT AND COMMUNITY EDUCATION (CACE)

1224 Del Mar Avenue
San Jose 95128
(408)626-3402

**Comparison Chart of CUHSD Graduation Requirements
and CSU, UC, Private and Community Colleges**

Subject	CUHSD Graduation Requirements	California State University <i>Grade of "C" or better is required</i>	University of California <i>Grade of "C" or better is required</i>	Private College <i>Grade of "C" or better is required</i>	Community College
A - History/Social Science	2 years (20 credits)	2 years 1 year - World Hist 1 year - US Hist	2 years 1 year - World Hist 1 year - US Hist	2-3 years 1 year - World Hist 1 year - US Hist Amer Gov	No Subject Requirements *Must be 18 years of age, a high school graduate or possess a high school proficiency test certificate. Students are most successful when they continue to take college preparatory courses. Students are also encouraged to enroll in honors, Advanced Placement and other rigorous courses.
B - English	4 years (40 credits)	4 years	4 years	4 years	
C - Mathematics	3 years (30 credits) <i>Validation rules apply*</i>	3 years <i>Validation rules apply*</i>	3 years <i>Validation rules apply*</i>	3-4 years <i>College Prep each yr</i>	
D - Lab Sciences	3 years (30 credits) Bio, Chemistry, & Physics <i>Validation rules apply*</i>	2 years 1 year - Bio from "D" or "G" 1 year - Phy from "D" or "G" <i>Validation rules apply*</i>	2 years <i>2 out of the 3 categories Biology, Chemistry and Physics</i>	3-4 years <i>Lab Sciences</i>	
E -Language Other than English	2 years (20 credits) <i>Validation rules apply*</i>	2 years <i>Same Language</i> <i>Validation rules apply*</i>	2 years <i>Same Language</i> <i>Validation rules apply*</i>	3-4 years <i>Same Language</i>	
F - Visual & Performing Arts	1 year (10 credits)	1 year	1 year	VAPA courses may count as elective	
G - College-Prep Elective	1 year (10 credits)	1 year	1 year	College prep courses in area of interest	
Government	1 semester (5 credits)				
Economics	1 semester (5 credits)				
Ethnic Studies	1 semester (5 credits)				
Physical Education /Military Science	2 years (20 credits)				
Career Tech Education (CTE) or other Special Programs (SP)	(10 credits) unless 20 or more credits of Visual & Performing Arts have been earned				
General Elective	2 years (20 credits)				
Total Credits needed for Diploma	220 Credits				

Additional Requirements <i>*Validation applies only with marks of "C" or better</i>		Min GPA 2.5 GPA between 2.00 and 2.49 may be evaluated for admission based upon supplemental factors.	Min GPA 3.0	Min GPA varies SAT or ACT (varies) SAT Subject Tests (varies)	
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***Once a student completes a-g course requirements, any additional a-g courses taken will count towards 'g' college-prep electives per the UC/CSU system.**

***A note for fall first-time freshman from the California State University system:** The California State University (CSU) no longer uses the ACT/SAT examinations in determining admission eligibility for all CSU campuses. If accepted to a CSU campus, ACT or SAT test scores can be used as one of the measures to place students in the proper mathematics and written communication courses.

****A note about SAT/ACT in the University of California system:** UC will not consider SAT or ACT test scores when making admissions decisions or awarding scholarships. If you choose to submit test scores as part of your application, they may be used as an alternative method of fulfilling minimum requirements for eligibility or for course placement after you enroll.

Honors and Advanced Placement

"The University" grants special "honors" designation and extra credit in students' grade point average computation only to those high school honors level courses that meet the following criteria. The University strongly encourages that such courses be available to all sectors of the school population.

AP Courses: Advanced Placement (AP) courses, in the "a-g" subjects, are designed to prepare students for an Advanced Placement Examination of the College Board and are automatically granted honors status, even if they are offered at the 10th grade level (e.g., newly developed courses/exams in Human Geography and World History). For more information about AP, go to the College Board's web site at <https://apcentral.collegeboard.org/>

IB Courses: International Baccalaureate (IB) courses are advanced, A-G approved courses that prepare students for academics at the postsecondary level. IB courses are categorized into two different levels Standard Level (SL), one year courses and Higher Level (HL), two year courses. Most IB classes earn students a quality point for their GPA. If students pass the exam with a 5, 6, or 7 (out of 7 total points) they can earn college credit depending on each university's IB credit policy. IB courses are based on critical thinking, student choice, and the development of a student's reading, writing, speaking, and listening skills. IB classes are offered at the 11th and 12th grade levels. The IB program at Del Mar is open to all. No applications or additional essays are required.

Other Honors Courses: Other honors courses (that are not AP, IB, or college courses) specifically designed by the high school are acceptable, if they are in the disciplines of history, English, advanced mathematics, laboratory science, languages other than English, and advanced Visual and Performing Arts have distinctive features which set them apart from regular high school courses in the same discipline areas. These courses should be seen as comparable in terms of workload and emphasis to AP, IB, or introductory college courses in the subject. Acceptable honors level courses are specialized, advanced, collegiate-level courses offered at the 11th and 12th grade levels.

***Students may complete more than eight semesters of honors or AP coursework, but a maximum of eight extra points are factored into the CSU/UC GPA.**

CAMPBELL UNION HIGH SCHOOL DISTRICT
Career Technical Education Pathway Sequencing Reference Sheet

Pathway	Introduction	Concentrator	Capstone	Schools Offered	*SVCTE Course(s)
Agricultural Mechanics	N/A	Ag Mechanics 1	Ag Mechanics 2	Westmont	N/A
Animal Science		Ag Biology	Veterinary Science	Westmont	Veterinary Science
Design, Visual, & Media Arts: <i>Animation</i>					Animation
Design, Visual and Media Arts: Media Studies	Introduction to Media Arts			Del Mar	
Design, Visual, & Media Arts: <i>Digital Photography</i>	N/A	Digital Photography 1	Digital Photography 2	<i>CTE or Visual Art Credit:</i> Boynton(not a-g), Branham, Del Mar & Westmont	N/A
Design, Visual, & Media Arts: <i>Video Production</i>	N/A	Digital Filmmaking 1	Digital Filmmaking 2 Digital Filmmaking 3 Digital Filmmaking 4 Honors	<i>CTE or Visual Art Credit:</i> Boynton(not a-g), Branham, Del Mar, Prospect & Westmont	1. Film and Video Production 2. Advanced Film and Video Production
Education	Careers in Education 1	Careers in Education 2	N/A	Boynton	
Emergency Response					1. Fire Science 2. Fire Science 2
Engineering Technology (PLTW)	Introduction to Engineering Engineering Essentials Introduction to Design (Leigh Only)	Principles of Engineering Digital Electronics	Engineering Design & Development	Branham, Leigh, Prospect, Westmont	Mechatronics
Fashion Design & Merchandising					1. Fashion Design 2. Adv. Fashion Design

Financial Service		Business Accounting and Personal Finance 1	Business Accounting and Personal Finance 2	Prospect	N/A
Food Service & Hospitality		Foods 1/Culinary Arts	Foods 2/Culinary Arts	Boynton(not a-g), Branham, Del Mar & Leigh	Culinary Arts
Machining & Forming Design	Manufacturing 1	Manufacturing 2	Manufacturing 3 (not a-g credit)	Westmont	N/A
Marketing & Sales	Introduction to Business Marketing	Principles of Marketing and Entrepreneurship		Branham & Leigh	N/A
Health Science and Medical Technology					1. Dental Assisting 2. Medical Assisting 3. Medical Science/ Health Careers 4. Nursing Careers 5. Pharmacy Technician 6. Sports Medicine 7. Mental Health Careers
Performing Arts: <i>Musical Theatre</i> (note: can satisfy either CTE or VAPA)	Musical Theatre 1	Musical Theatre 2 & 3 Commercial Music Production 1	Musical Theatre 4 Commercial Music Production 2	Musical Theatre Branham, Leigh, Westmont Commercial Music Production Del Mar	N/A
Performing Arts: <i>Theatre Arts</i> (note: can satisfy either CTE or VAPA)	Theatre 1 Theatre Production 1 (A,B)	Theatre 2 Theatre Production 2 (A,B)	Theatre 3 & 4 Theatre Production 3 (A,B) (pending UC approval)	<i>CTE or Performing Arts Credit:</i> Branham, Del Mar Leigh, Prospect & Westmont	N/A
Manufacturing & Product Development	Production Technology 1	Production Technology 2	Production Technology 3 (not a-g credit)	Westmont	1. Metals Technology 2. Adv. Metals Technology
Production & Managerial Arts: Technical Theatre	Technical Theatre 1	Technical Theatre 2	Technical Theatre 3 Technical Theatre 4 Honors	Branham, Leigh, Prospect, Westmont	N/A
Public Safety					1. Forensic Science 2. Fire Technology 3. Law Enforcement 4. Public Safety Careers

Building & Construction Trades					1. Construction Technology 2. Electrical Maintenance 3. Heating, Ventilation & Air Conditioning
Software and Systems Development	Computer Science Principles AP Computer Science Principles (not part of the CTE pathway) Computer Programming	Computer Programing: Java Honors Computer Science Discoveries AP Computer Science A (not part of the CTE pathway, but a prerequisite for Data Structures & Algorithms)	Data Structures & Algorithms Honors Software Engineering Honors	Branham (pathway info), Del Mar, Leigh, Prospect, Westmont	Mobile App Design & Development (<i>pending a-g upon new content approval</i>)
Structural Repair & Refinishing					1. Auto Body Refinishing 2. Auto Body Repair (<i>not a-g credit</i>)
Systems Diagnostics					1. Electrical Vehicles/Auto Services 2. Adv. Auto Services 3. Clean Diesel Technology (<i>not a-g credit</i>)
Systems Programming	Design, Visual, & Media Arts			Boynton (not a-g)	Cybersecurity (not a-g credit)

*Please note that **ALL SVCTE** courses are capstone level courses

- Unless noted all courses are a-g credit.
- Should you have questions regarding CTE sequencing, please refer to your school counselor.
- 10 units of CTE credit are required for graduation, unless 20 or more credits of Visual & Performing Arts have been earned
- To be a CTE “completer” 20 units of a concentrator and capstone level coursework is required.

COURSE SELECTIONS

Staffing allocations for each comprehensive high school are determined by student course requests early in the spring semester. Course requests are reviewed by School Counselor, Department Chairs and Assistant Principals for appropriateness of course placement, credit load and Graduation/UC & CSU A-G completion needs. Once all student schedules are reconciled and the master schedule and staff assignments are set in the spring semester, students should work with the school on any additional corrections needed.

Administrator/school counselor initiated schedule changes will be addressed during the first three weeks of the fall semester for clerical error, instructional misplacement, and staffing/enrollment change. Students should work with site administrators on corrections needed.

Important Notice: Course offerings are subject to change based on funding, enrollment, and/or available staffing at the school site.

HISTORY/SOCIAL SCIENCE	
COURSE TITLE:	World History
Course # 12010 Course Term: Yearlong Grade Level: 10 (Del Mar 12) Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Del Mar(12), Leigh, Prospect, Westmont	This course covers a period of more than 250 years and highlights the intensification of a truly global history as people, products, diseases, knowledge, and ideas spread around the world as never before. The course begins with a turning point: the important transition in European systems of governance from divine monarchy to a modern definition of a nation-state organized around principles of the Enlightenment. The course ends with the present, providing ample opportunities for teachers to make connections to the globalized world in which students live. As students move through the years 1750 through the present, they consider how a modern system of communication and exchange drew peoples of the world into an increasingly complex network of relationships in which Europe and the United States exerted great military and economic power. They explore how people, goods, ideas, and capital traveled throughout and between Asia, Africa, the Americas, and Europe. They analyze the results of these exchanges. The ability to see connections between events and larger social, economic, and political trends may be developed by having students consider the most fundamental changes of the era.

COURSE TITLE:	World History - Advanced Placement
Course # 12140 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	AP World History is designed for students seeking a challenging curriculum that will prepare them for college and the AP exam in May. The program enhances written, oral, and group skills. This course will fulfill the state and college requirements for world history. Units are developed around an overarching question and an overall unit theme, with the five essential themes of World History that are continually emphasized throughout the year. Academic skills emphasized include analytical writing, critical analysis of documents and viewpoints, Socratic seminars and evaluative thinking skills. Students will write on average one in class essay every two weeks.
COURSE TITLE:	United States History
Course # 12100 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Del Mar, Leigh, Prospect, Westmont	In this course, students examine major developments and turning points in American history from the late nineteenth century to the present. During the year, the following themes are emphasized: the expanding role of the federal government, the emergence of a modern corporate economy and the role of organized labor, the role of the federal government and Federal Reserve System in regulating the economy, the impact of technology on American society and culture, changes in racial, ethnic, and gender dynamics in American society, the movements toward equal rights for racial, ethnic, religious, and sexual minorities and for women, and the rise of the United States as a major world power. As students survey nearly 150 years of American history, they learn how geography shaped many of these developments, especially in terms of the country's position on the globe, its climate, and abundant natural resources. In each unit, students examine American culture, including religion, literature, art, music, drama, architecture, education, and the mass media.
COURSE TITLE:	United States History - Advanced Placement
Course # 12120 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials— their relevance to a given interpretive problem, reliability, and importance— and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

COURSE TITLE:	American Experience US History
Course # 12111 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Leigh, Westmont	This course combines the curriculum of US History with that of 11th grade American Literature. Students will study and explore US History and American Literature using specific pieces of literature and primary sources that are tied to key history events, movements, trends, and individuals. This course is designed to make real-life connections between literature, art, music, film, and politics. The goal is to take students on a journey that will help them think and write critically about these connections and make their learning experience come alive. The units are focused on the Common Core Standards and are aligned with the California State Standards for both 11th grade US History and English. <i>**Must be taken with American Experience English 3</i>
COURSE TITLE:	IB History of the Americas HL Year 1
Course # 12012 Course Term: 2 Years Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	IB History of the Americas HL is a two-year course that aims to promote an understanding of history as a discipline, including nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. The first year of the course will focus on the causes, course, and effects of six distinct periods and events prior to the 20th century in the Americas. This means that in addition to US history, the events and periods studied will also include the experiences and histories of Canada, Mexico, Central America, the Caribbean and South America.
COURSE TITLE:	IB History of the Americas HL Year 2
Course # 12013 Course Term: 2 Years Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The second year of this course will focus on three 20th century topics: Causes, practices, and effects of War, The Great Depression, The Cold War, and Civil Rights Movements - Post 1945. These topics will be explored from a variety of perspectives from the Western Hemisphere, as well as from two additional regions of the world (Africa, Asia, Europe, or the Middle East).

COURSE TITLE:	American Government
Course # 12170 Course Term: Semester Grade Level: 12 (Del Mar 10) Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Branham, Del Mar(10), Leigh, Prospect, Westmont	This one-semester course involves the study of American politics, government operations, civil rights, and responsibilities. Students explore the democratic values that form the foundation of the American political system, investigate ideas that underlie its legal system, and study key documents, which have shaped the government of this nation. Students analyze issues that confront the United States and the global community.
COURSE TITLE:	Economics
Course # 12180 Course Term: Semester Grade Level: 12 (Del Mar 10) Graduation Credit: Hist/Social Science CSU/UC: Elective(g) School: Branham, Del Mar(10), Prospect, Westmont	This one-semester, California standards-based course gives students an understanding of how the American economic system operates. Students are encouraged to examine their own role in that system. The course content provides opportunities for students to study the concepts of scarcity, supply and demand; to compare our economic system to those of other countries; and to learn to make reasoned judgments about economic issues.
COURSE TITLE:	AP Macroeconomics
Course # 12340 Course Term: Semester Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: Elective(g) School: Leigh <i>UC/CSU Weighted</i>	This introductory college-level course focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops student familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.
COURSE TITLE:	Street Law (A Course in Practical Law)
Course # 12330 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Hist/Social Science CSU/UC: Elective(g) School: Westmont	This is a college prep course, which is UC approved. Students will analyze, evaluate, and resolve legal disputes. Street Law helps build critical thinking and problem-solving skills as young people prepare for thoughtful, democratic engagement. Students will be asked to plan inquiries, gather evidence, draw logical conclusions, and articulate reasonable action steps that can be taken to solve problems and strengthen communities. Students will discuss issues of liability, privacy, email confidentiality, and when to be a good Samaritan and come to somebody's rescue.

COURSE TITLE:	United States Government and Politics – Advanced Placement
Course # 12400 Course Term: Semester Grade Level: 12 Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Branham, Leigh, Prospect, Westmont (yearlong) <i>UC/CSU Weighted</i>	This is a one-semester introductory college course in United States government and politics, or in comparative government and politics. In both subject areas, there is considerable variety among the courses offered by colleges. In terms of content, there is no specific college course curriculum that an AP course in United States Government and Politics or in Comparative Government and Politics must follow. Therefore, the aim of an AP course should be to provide the student with a learning experience equivalent to that obtained in most college introductory U.S. or government and politics courses.
COURSE TITLE:	Sociology
Course # 12310 12300 (Semester) Course Term: Yearlong Grade Level: 11-12 Graduation Credit: College-Prep Elective CSU/UC: Elective(g) School: Del Mar, Leigh Prospect (Semester)	This course is the systematic and scientific study of human behavior, social groups and society. Students will examine the personal and institutional forces that shape everyday life, behavior, and social values. Students will develop a sense of social behaviors that exist or have interviews, simulations, role-playing and analysis of current events. Career choices in the field of Sociology will also be examined.
COURSE TITLE:	Psychology
Course # 12380 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: College-Prep Elective CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect (Semester), Westmont	Psychology is the study of behavior and the examples of areas to be studied include learning and intelligence, problem solving, emotions, motivation, perception, sensation, personality, ethics, and methods of research. Students will develop skills in psychological research and methods. Career choices in the field of psychology will also be examined.

COURSE TITLE:	Psychology – Advanced Placement
Course # 12381 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: College-Prep Elective CSU/UC: Elective(g) School: Branham, Leigh, Westmont <i>UC/CSU Weighted</i>	The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the ethnic psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
COURSE TITLE:	IB Psychology SL
Course # 12382 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Elective CSU/UC: College-Prep Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	IB Psychology SL is a one-year course that asks the fundamental questions of “Why do people behave the way that they do in certain situations?” and “How can people change their behaviors?” The course emphasizes historically significant research and research methodology. Students are expected to develop their critical thinking and research skills throughout the course. Each student will be required to complete an Internal Assessment. The Internal Assessment (AI) includes researching background information, planning and conducting a research experiment.
COURSE TITLE:	Ethnic Studies
Course # 12015 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: College-Prep Elective CSU/UC: College-Prep Elective(g) School: Branham, Del Mar, Leigh(semester), Prospect, Westmont	Ethnic Studies is an interdisciplinary subject, meaning it encompasses several different subjects such as art, history, English, music, dance, science, technology, philosophy, theater, and much more. Since this course is an elective, students will have the opportunity to engage in many of these various subjects depending on how the teacher structures the course. There will be opportunities to engage in self-reflection and to determine identity. Additionally, students may critique their relation to others and how they fit in with other people in society. Students will also examine the ways in which systems of power, such as the education system, the legal system, racism, and patriarchy, influence so much of their lives. Lastly, students will have opportunities to challenge the status quo and consider ways you can engage in transforming your community and even the world in order to achieve justice for all.

COURSE TITLE:	African American Studies - Advanced Placement
Course # 12017 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Hist/Social Science, Elective CSU/UC: History(a) School: Prospect <i>UC/CSU Weighted</i>	This course is designed to explore the evolution of American society through the lens of the African American experience. In addition to exploring the broader history of the United States, this course will engage students in the exploration of the legacy of slavery and its impacts on the development of the nation, the resistance and resilience of the African American community, and the broader impacts relating to racism in areas such as economics, law, and social movements. In addition to a focus on history, students will engage with literature, art, secondary scholarship, and contextualization of contemporary events. While the course focuses on the Black experience, it also connects that experience to the broader evolution of American society.
COURSE TITLE:	Integrated US History and Ethnic Studies
Course #12016 Course Term: Yearlong Grade Level: 11 Graduation Credit: Hist/Social Science CSU/UC: History(a) School: Boynton, Branham, Del Mar, Leigh, Prospect, Westmont	Integrated US History and Ethnic studies is a year-long course focusing on the historical and contemporary experiences of people of color as well as systems of oppression through different mediums. This course provides an introduction to the study of race and racism within the United States in addition to inequalities distributed across age, gender and socio-economic groups. Students will analyze these historic movements through the lens of the major processes that have marked the formation of the United States – colonization, migration, and the activism and conflict to which these have led.
COURSE TITLE:	Philosophy and Critical Thinking
Course #12500 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: College-Prep Elective CSU/UC: College-Prep Elective(g) School: Prospect	This course introduces philosophy and the major concepts and thinkers in the history of philosophy. Students are introduced to issues in ethics duty, free will, justice, and knowledge through reading of primary and secondary philosophical texts.

ENGLISH LANGUAGE ARTS & ENGLISH LANGUAGE DEVELOPMENT

English Language Development (ELD) courses are intended for limited and non-English proficient students to develop their English language skills. Placement in the program is based on multiple-measures: initial assessment, state testing, district-wide local common assessments, and recommendations. The design of instruction at all levels is to support students in becoming independent, strategic, critical readers, writers, listeners and speakers who can communicate effectively for various purposes across all disciplines. The goal of the ELD program is for students to transition into the mainstream classes with minimal support. All ELD classes count toward graduation credit.

COURSE TITLE:	ELD English 1
Course # 17810 Reading - 10 Credits 17820 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 Credits for English 10 Credits for Elective CSU/UC: A-G Approved (10 Credits) School: Branham, Del Mar, Leigh, Prospect, Westmont	In this two-period ELD Language Arts course, students at the emerging level of English learn to communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level standards aligned thinking with appropriate support. Students are provided interactive and collaborative opportunities to express their own ideas as well as to question, interpret, and evaluate the ideas of others.
COURSE TITLE:	English 1
Course # 11110 Course Term: Yearlong Grade Level: 9 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is a standards-based foundational course for freshmen, and is designed to provide an opportunity for students to continue their study of reading, writing, speaking, and listening. Students will read a variety of literary genres and forms. From paragraphs to essays, writing will be both analytical and creative, with a focus on the writing process. This program emphasizes a variety of critical thinking and language experiences to provide students with strong communication skills and the ability to succeed in and out of the classroom.

COURSE TITLE:	English 1 - Honors
Course # 11120 Course Term: Yearlong Grade Level: 9 Graduation Credit: English CSU/UC: English(b) School: Westmont	English I Honors is an accelerated course designed for freshmen who are seeking a deeper understanding of fundamentals in English Language-Arts. This course teaches students to read closely, delve deeply, and analyze thoroughly both fiction and non-fiction works, and uses strong rhetorical and composition skills. Students will read novels, epic poetry, assorted poems, and a Shakespearean drama. Students are expected to write five-paragraph informative/explanatory, narrative, and argumentative essays throughout the year. Oral communication will be emphasized throughout the class, small group, and formal presentations. Creative projects will also be offered throughout the year. All essays, discussions and projects will emphasize critical thinking skills and literary analysis.
COURSE TITLE:	ELD English 2
Course # 17850 Reading - 10 Credits 17860 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 Credits for English 10 Credits for Elective CSU/UC: A-G Approved (10 credits) School: Branham, Del Mar, Leigh, Prospect, Westmont	As students' progress to the expanding level in English language proficiency, they move towards using the English language in more complex, cognitively demanding situations. In this two-period ELD Language Arts course, students will further learn and communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level thinking with appropriate support. Through interactive instruction based on the ELD state standards, students are provided opportunities to express their own ideas as well as to question, interpret, and evaluate the ideas of others.
COURSE TITLE:	English 2
Course # 11140 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	Expanding on the skills developed in English 1, this course develops student mastery of reading comprehension, analysis of complex texts, and vocabulary development. Students will write for a variety of purposes and audiences in the forms of informative/explanatory, argumentative, and narrative texts. Students will continue to build on their research skills, uses of standard English language grammar and conventions, and speaking and listening techniques. The central thematic focuses on this course are derived from diverse world literature that represents various global heritages and cultures, so that students increase their understanding of individual and cultural experiences. Substantial reading is required and outside reading and writing are expected.

COURSE TITLE:	English 2 - Honors
Course # 11410 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted (Leigh only)</i>	Expanding on the skills developed in English 1/1H, this rigorous course will provide a study of multiple genres of challenging literature from diverse cultures around the world. Additionally, continued development of writing skills will focus primarily on composition, analysis, and evidence. Students will spend considerable time developing skills in the following areas: response to an analysis of literature; persuasion and argumentation; and evidence gathering and evaluation. Through various activities including group work, research, and in-depth discussion, students will further develop the reading, writing, speaking, listening, and critical thinking skills essential to success in their endeavors. Substantial reading and writing will be completed independently outside of class. <i>Del Mar equivalent is English 2 ICAP, seen below.</i>
COURSE TITLE:	English 2 – International College Accelerated Program (ICAP)
Course # 11141 Course Term: Yearlong Grade Level: 10 Graduation Credit: English CSU/UC: English(b) School: Del Mar	English 2 ICAP is the preparatory English course offered for the IB Language and Literature course. This course emphasizes a content of global experience while working on logical organization and written communication, analytical writing as required for IB assessments, oral commentary and presentation.
COURSE TITLE:	ELD English 3
Course # 17890 Reading - 10 Credits 17900 Writing - 10 Credits Course Term: Yearlong Grade Level: 9-12 Graduation Credit: 10 credits for English 10 credits for Elective CSU/UC: A-G Approved (10 credits) School: Branham, Del Mar, Leigh, Prospect, Westmont	In this two period ELD Language Arts course, students nearing reasonable fluency in English will use the language in more complex, cognitively demanding situations with increasing independence. ELD 3 prepares students to learn and communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level thinking with appropriate support. Students are provided with interactive instruction based on California's ELD standards and activities, a print-rich environment, and public speaking experiences in order to prepare students for on grade level English and other content classes.

COURSE TITLE:	English 3
Course # 11370 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	In English 3, students read and analyze American literature from a variety of historical, political, and cultural perspectives. These literary works include both non-fiction (journals, expository articles, speeches) and fiction (poetry, novels, drama). Students are encouraged to make connections between literature and history while continuing to refine and practice their skills writing argumentative, informative/explanatory, and narrative compositions. Students also learn to formulate an argument, research information, assess the relevance and credibility of a source, cite a variety of sources and format a document. In both oral presentations and written work, students demonstrate their ability to appeal to their audience logically, ethically, and emotionally. Outside reading and writing assignments further develop students' vocabulary and critical thinking.
COURSE TITLE:	English 3 Honors
Course # 11430 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English(b) School: Prospect <i>UC/CSU Weighted</i>	This junior level honors course examines American literature from its colonial origins to the present, including changes in language, subject matter, philosophies, and style. The literature and compositions are arranged to provide a focus for critical thinking and discussion. This course also includes creative and expository writing, literary analysis, oral presentation skills, SAT preparation, grammar, punctuation, and writing style instruction. Students will be challenged to participate in class discussions and outside reading; and will learn to explore, as critical thinkers, the major themes of American literature and history.
COURSE TITLE:	English 3- Advanced Placement- English Language & Composition
Course # 11190 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: English CSU/UC: English(b) School: Branham(11), Leigh (11-12), Prospect (11), Westmont (11) <i>UC/CSU Weighted</i>	An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Course materials and writing assignments prepare students to take the Advanced Placement Exam. English Advanced Placement is an intensive course designed for students who are ready for college level writing.

COURSE TITLE:	American Experience English 3
Course # 11371 Course Term: Yearlong Grade Level: 11 Graduation Credit: English CSU/UC: English (b) School: Leigh, Westmont	This college preparatory class combines the curriculum of US History with that of 11th grade American Literature. Students will study and explore US History and American Literature using specific pieces of literature and primary sources that are tied to key history events, movements, trends and individuals. This course is designed to make real-life connections between literature, art, music, film and politics. The goal is to take students on a journey that will help them think critically about these connections and make their learning experiences come alive. The units focus on the Common Core Standards and align with the California State Standards for both 11th grade US History and English. <i>**Must be taken with American Experience US History.</i>
COURSE TITLE:	Ethnic Literature
Course # 11500 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: English CSU/UC: English(b) School: Branham, Del Mar, Leigh, Prospect, Westmont	The course will focus on developing analytical skills; writing and speaking skills; and research methods through a critical analysis of a wide variety of historical and contemporary issues regarding race, ethnicity, and identity in the United States by utilizing fiction and non-fiction texts. This course fulfills one year of English or A-G credit towards graduation.
COURSE TITLE:	IB Language and Literature HL
Course # 11142 (Year 1) 11143 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: English CSU/UC: English(b) School: Del Mar <i>CU/CSU Weighted</i>	The International Baccalaureate Language A: English Language and Literature HL course is a two-year course consisting of four parts: Language in Cultural Context, Language and Mass Communication, Literature: Texts and Context, and Literature: A Critical Study. Students will study and analyze a variety of texts from historical speeches and contemporary mass media with an international focus, such as George Orwell's <u>1984</u> (English), Albert Camus' <u>The Stranger</u> in translation (French- Algerian), Margaret Atwood's <u>The Handmaid's Tale</u> (Canadian) Achebe's <u>Things Fall Apart</u> (Nigerian). The course will prepare students for the oral and written IB exams and serve as excellent preparation for rigorous college study. Students who take IB Language and Literature HL and pass the exam with a score of 5 or higher (on a 7-point scale) can earn college credits at UC, CSU, and many private colleges and Universities. Prerequisite: English 9 and 10; Students must demonstrate proficiency in English 10 or ICAP English 10.

COURSE TITLE:	English 4
Course # 11380 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh, Prospect, Westmont	World Contemporary Literature and Communication is a standards-based course for seniors. Students will explore major literary time periods of the world with a special focus on how these influenced Western civilization and contemporary authors. Additionally, students will work with a number of expository texts, reading and rhetorical writing strategies needed for success in college, vocational programs, the workplace, and the global curriculum offers a variety of activities such as research, discussion, simulations, individual and group work, and projects. Significant outside reading and writing assignments are required.
COURSE TITLE:	English 4 - Advanced Placement- English Literature & Composition
Course # 11200 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Branham, Leigh, Prospect Westmont <i>UC/CSU Weighted</i>	An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The pieces chosen invite and reward rereading and do not yield all (or nearly all) of their pleasures of thought and feeling the first time through.
COURSE TITLE:	ELD English Enrichment
Course # 17950 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one year course designed to offer support to EL, especially LTEL students in Expanding and Bridging levels, enrolled in an on-level English to succeed. The course is based on the state standards for ELA/ELD to engage students in critical reading, academic writing, and presentation skills and strategies.

COURSE TITLE:	Expository Reading and Writing Curriculum (ERWC)
Course # 11130 Course Term: Yearlong Grade Level: 12 Graduation Credit: English CSU/UC: English(b) School: Del Mar	The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in a yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course - the assignment template - offers a process for helping students read, comprehend, and respond to non-fiction and literary texts. Modules also provide students research methods and documentation conventions. Students are expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They read closely to examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other non-fiction texts. The course materials also include modules on two full-length works (one novel and one work of nonfiction). Written assessments and holistic scoring guides conclude each unit. <i>Equivalent to English 4</i>
COURSE TITLE:	Public Speaking
Course # 11210 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Branham, Westmont	This course develops effective speaking skills in a wide variety of formats including persuasion, expository speaking, oral interpretation, debate, and impromptu formats. Students write, deliver, and critique several speeches throughout the year. This performance-based course builds self-confidence as well as research, group discussion, and critical thinking skills, which are essential for today's fast-paced, competitive society.
COURSE TITLE:	Multimedia Production
Course # 11221 Course Term: Yearlong Grade Level: 9-12 Grad Credit: Elective/Special Content CSU/UC: Elective(g) School: Branham (9-10)	Students will learn, interpret and create their own text and non-text media using a variety of digital platforms, while learning how to disseminate information from disinformation. The class will focus on core skills such as journalistic writing and communication, press law, data reporting. The second semester will be devoted to creating content for a "real" audience by supplementing material for one of the advanced journalism class' publications.

COURSE TITLE:	Journalism
Course # 11220 Course Term: Yearlong Grade Level: 9-12 Grad Credit: Elective/Special Content CSU/UC: Elective(g) School: Branham(11-12), Westmont	This elective course offers a variety of experiences that teach students how to produce the print and/or online versions of a school newspaper. The course develops skills in news and feature writing, editing, layout, and desktop publishing, and improves the students' writing, mechanics, structure, and style. The integration of photography, artwork, and advertising round out the curriculum of this course.
MATHEMATICS	
COURSE TITLE:	Integrated Mathematics 1
Course # 14053 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that meets state graduation requirements. This course includes the following topics: An overview of functions (linear and exponential) in function form, graphs, and tables; linear equations and inequalities in one and two variables; congruence and rigid motions; geometric relationships and properties of triangles, parallel lines and quadrilaterals; analyzing and interpreting data in one and two variables.
COURSE TITLE:	Integrated Mathematics 2
Course # 14054 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that meets state graduation requirements. This course includes the following topics: similarity; coordinate and three-dimensional geometry; trigonometric ratios; quadratic functions; quadratic equations; probability. Completing this course meets the geometry requirement for UC/CSU entrance.

COURSE TITLE:	Integrated Mathematics 3
Course # 14056 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	The following units will be covered in Integrated Math 3: statistics (random processes), circles and conics, trigonometric functions, exponential functions, functions capstone, rational and polynomial expressions. This course will complete the 3-year Integrated Math series and includes remaining High School Common Core Math Standards that are not covered in Integrated Math 1 and Integrated Math 2. Prerequisites: Integrated Math 2
COURSE TITLE:	Integrated Mathematics 3 STEM
Course # 14057 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed for students who are interested in pursuing STEM fields in college. The pace of this course is accelerated. It includes all topics covered in Integrated Math 3, as well as vectors, complex numbers and advanced trigonometric function analysis. The following units will be covered in Integrated Math 3 STEM: statistics (random processes), circles and conics, trigonometric functions, vectors, exponential functions, functions capstone, rational and polynomial expressions. This course will complete the 3-year Integrated Math series and includes the remaining High School Common Core Math Standards and a variety of the “plus” standards that are not covered in Integrated Math 1 and Integrated Math 2. Prerequisite: Integrated Math 2
COURSE TITLE:	Pre-Calculus/Integrated Mathematics 4
Course # 14065 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Mathematics CSU/UC: Math(c), College-Prep Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a one-year college prep course that extends the Integrated Mathematics series. The course will include a deeper exploration of trigonometric, rational, piecewise, exponential and logarithmic functions. Students will explore applications of complex numbers and vectors as well as broaden their understanding of statistical regression and probability. Prerequisite: Integrated Math 3 or Integrated Math 3 STEM

COURSE TITLE:	Senior Math Seminar
Course # 14150 Course Term: Yearlong Grade Level: 12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Prospect	This elective math course is intended for 12th graders, and serves to unify concepts from previous mathematical studies and assists students in clarifying their conceptual understanding of algebra and geometry. The topics included in this course are those identified by the California State University system as essential entry-level skills necessary for successful completion of a four-year degree. The course will focus on concepts involving number sense, both linear and non-linear algebra, and geometry. Prerequisite: Integrated Math 2 or Integrated Math 3
COURSE TITLE:	Calculus AB Advanced Placement
Course # 14210 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Calculus AB and Calculus BC are primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. Students explore connections among the various representations of limits, derivatives, and integrals. Prerequisite: Pre-Calculus/Integrated Math 4 or Integrated Math 3 STEM
COURSE TITLE:	Calculus BC Advanced Placement
Course # 14220 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require a similar depth of understanding. Both courses are intended to be challenging and demanding. Broad concepts and widely applicable methods are emphasized. In addition to the topics covered in Calculus AB, students in Calculus BC learn advanced integration techniques and analyze polar, parametric, and vector functions. Calculus BC also includes the study of power series and various methods to determine convergence or divergence of a series. Students become familiar with Maclaurin series for common function and general Taylor series representations. Additional topics include the radius and interval of convergence and operations on power series. Prerequisite: Calculus AB Advanced Placement

COURSE TITLE:	Statistics
Course # 14180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Leigh, Westmont	Statistics introduces students to elements of statistical concepts, techniques, and tools for collecting, analyzing, and drawing conclusions from data as applied in business. The course focuses on the student as a user and producer of statistics to inform and support decision-making in business, with emphasis on the use of business-oriented computer statistical instruments. Students are exposed to four broad conceptual themes: 1. Exploring Data: describing patterns and departures from patterns 2. Sampling and Experimentation: planning and conducting a study 3. Anticipating Patterns: exploring random phenomena using probability and simulation 4. Statistical Inference: estimating population parameters and testing hypotheses Students who successfully complete the course will learn how to organize and describe distributions of data using many different mathematical methods. Given visual displays of the distribution of several variables, students will compare and contrast the distributions. Students will determine and discuss the center, spread, symmetry, skewed distributions, and outliers of given data. Prerequisite: Integrated Math 3 or Integrated Math 3 STEM
COURSE TITLE:	Statistics - Advanced Placement
Course # 14170 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Del Mar, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Statistics course lends itself naturally to a mode of teaching that engages students in constructing their own knowledge. For example, students working individually or in small groups can plan and perform data collection and analyses where the teacher serves in the role of a consultant, rather than a director. This approach gives students many opportunities to think through problems, make decisions, and share questions and conclusions with other students as well as with the teacher. Important components of the course should include the use of technology, projects and laboratories, cooperative group problem-solving, and writing, as a part of concept-oriented instruction and assessment. This approach to teaching AP Statistics will allow students to build interdisciplinary connections with other subjects and with their world outside school. Prerequisite: Integrated Math 3 or Integrated Math 3 STEM

COURSE TITLE:	IB Math: Applications & Interpretation HL Year 1
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures. Prerequisites: IM3 Honors or equivalent
COURSE TITLE:	IB Math: Applications & Interpretation HL Year 2
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures. Prerequisites: IB Math Applications & Interpretation HL Year 1
COURSE TITLE:	IB Math: Analysis & Approaches HL Year 1
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Prerequisites: IM3 or equivalent

COURSE TITLE:	IB Math: Analysis & Approaches HL Year 2
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Prerequisites: IB Math Analysis & Approaches HL Year 1
COURSE TITLE:	Computer Science A - Advanced Placement
Course # 14110 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics, CTE CSU/UC: Math(c) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. Prerequisite: Integrated Math 3/Integrated Math 3 STEM, and Computer Programming (or comparable program).
COURSE TITLE:	Computer Science Principles - Advanced Placement
Course # 14101 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar	AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

COURSE TITLE:	ELD Math Enrichment
Course # 17965 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective School: Not currently being offered	ELD Math is a course for students who are identified as English Learners. This course will support students enrolled in on-level mathematics by providing designated ELD instruction through the study of mathematics.
COURSE TITLE:	Math Workshop
Course # 14370 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective School: Del Mar	Math Workshop is a support class that is taught in tandem with IM1 and IM2 courses. This course will support students enrolled in on-level mathematics by pre-teaching and re-teaching content as it is related to the California Standards for Mathematics.
COURSE TITLE:	Explorations in Data Science
Course # 14111 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Mathematics CSU/UC: Math(c) School: Branham, Prospect	In this course, students will learn to understand, ask questions of, and represent data through project-based units. The units will give students opportunities to be data explorers through active engagement, developing their understanding of data analysis, sampling, correlation/causation, bias, and uncertainty, modeling with data, making and evaluating data-based arguments, and the importance of data in society. At the end of the course, students will have a portfolio of their data science work to showcase their newly developed knowledge and understanding. Prerequisite: Integrated Math 2

SCIENCE

Campbell Union High School District offers a variety of science courses for our students, but all students must take The Living Earth (formerly called Biology), Chemistry in the Earth System (formerly Chemistry) and Physics of the Universe (formerly Physics). These courses are taken in the order listed above, with the exception of Del Mar High School. Del Mar's pathway is Physics of the Universe, Chemistry in the Earth System and The Living Earth. Students are encouraged to take additional science courses concurrently or after completing this three-year course pathway. Westmont High School's Agriculture programs core science courses also fulfill the three-year science pathway.

COURSE TITLE:	The Living Earth
Course # 13540 Course Term: Yearlong Grade Level: 9 (11 at Del Mar ONLY) Graduation Credit: Biological Science CSU/UC: Lab Science(d) School: Branham, Del Mar(11), Leigh, Prospect, Westmont	The Living Earth is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the first course in the three-course science pathway at CUHSD, except for Del Mar, where this course is the final course in the series. NGSS Performance Expectations are used from the Life Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California's unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.
COURSE TITLE:	Biology - Advanced Placement
Course # 13720 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Biological Science CSU/UC: Lab Science(d) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the AP Exam, some students, in their first year of college, are permitted to take upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors. The two main goals of the Biology AP course are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. The ongoing knowledge explosion in biology makes these goals even more challenging. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	IB Biology HL
Course # 13551 (Year 1) 13552 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: Science, Elective Yr 2 CSU/UC: Lab Science(d), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	IB Biology HL is a two-year course that is designed to be the equivalent of a two-semester college introductory biology course. The goals of IB Biology HL are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Students will learn about biology in an internationally relevant context. Through hands-on experiences, students will develop the skills of a scientist. A student's IB score for this course is based on three external assessments and one internal assessment. The external assessments are written exams consisting of multiple-choice and free-response questions; these tests are taken at the end of the second year. The internal assessment requires each student to design their own experiment related to biology concepts and report their results and conclusions in a report similar to a paper published in a scientific journal. Prerequisite: Successful completion of Physics of the Universe and Chemistry in the Earth System.
COURSE TITLE:	Chemistry in the Earth System
Course # 13550 Course Term: Yearlong Grade Level: 10 Graduation Credit: Chemistry CSU/UC: Lab Science(d) School: Branham, Del Mar, Leigh, Prospect, Westmont	Chemistry in the Earth System is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the second course in the three-course science pathway at CUHSD. NGSS Performance Expectations are used from the Physical Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California's unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.
COURSE TITLE:	Chemistry in the Earth System Honors
Course # 13590 Course Term: Yearlong Grade Level: 10 Graduation Credit: Chemistry CSU/UC: Lab Science(d) School: Leigh <i>UC/CSU Weighted</i>	This one-year laboratory course deals with chemicals and their reactions in the world around us. In this course, topics are explored in more depth, and additional topics are covered. The emphasis is placed on competence in solving problems and in applying chemical principles. An increased emphasis is placed on the level of skill attained in the laboratory. Topics covered include atomic and molecular structure, the relationship between structure and properties, stoichiometry, chemical formulas, chemical bonding, periodic law, physical and chemical properties of matter, gas laws, thermochemistry, thermodynamics, thermodynamic calculations, acid-based chemistry, equilibrium, calculations, oxidation-reduction reactions, electrochemistry, organic chemistry, and descriptive chemistry. Recommended: Successful completion of IM1

COURSE TITLE:	Chemistry - Pre Advanced Placement
Course # Course Term: Yearlong Grade Level: 10-11 Graduation Credit: Chemistry CSU/UC: Lab Science(d) School: Prospect	The Pre-AP Chemistry course emphasizes the integration of content with science practices. These practices are powerful reasoning tools that support students in analyzing the natural world around them. This course focuses on the foundational chemistry knowledge and skills that matter most for college and career readiness. As students engage in the grade-level chemistry content, they utilize scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college. The course highlights an attention to modeling, the strategic use of mathematics, and has an emphasis on analytical reading and writing. Recommended: Successful completion of IM1
COURSE TITLE:	Chemistry - Advanced Placement
Course # 13600 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Chemistry CSU/UC: Lab Science(d) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general Chemistry is required. Prerequisite: Completion of Chemistry in the Earth Recommended: Completion of or enrollment in IM3/ third year of math or higher
COURSE TITLE:	Physics of the Universe
Course # 13560 Course Term: Yearlong Grade Level: 11; 9 at Del Mar ONLY Graduation Credit: Physics CSU/UC: Lab Science(d) School: Branham, Del Mar(9), Leigh, Prospect, Westmont	Physics of the Universe is a college preparatory, lab science class aligned with the Next Generation Science Standards. This is the final course in the three-course science pathway at CUHSD, except for Del Mar, where this course is the first course in the series. NGSS Performance Expectations are used from the Physical Science and Earth Science Disciplinary Core Ideas with Scientific and Engineering Practices, Crosscutting Concepts, and California’s unique Environmental Principles and Concepts. Inquiry-driven laboratory exercises are an integral part of the curriculum in this course and the other two courses in the three-series course pathway.

COURSE TITLE:	Physics 1 - Advanced Placement
Course # 13711 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Physics CSU/UC: Lab Science(d) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Physics 1, Advanced Placement, is part of the College Board’s redesign of Physics B, Advanced Placement, and currently an approved AP course in our district. The Physics 1, Advanced Placement course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, and fluid dynamics and oscillation. This course also meets all the NGSS requirements. Prerequisite: Successful completion of The Living Earth and Chemistry in the Earth System. Co-requisite: Enrollment in IM3 or higher math.
COURSE TITLE:	Physics 2 - Advanced Placement
Course # 13712 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Science CSU/UC: Lab Science(d) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Physics 2, Advanced Placement, is the second course in the College Board’s redesigned Algebra based introductory college level physics course. It follows the currently approved AP Physics 1 course. Students explore the principles of fluids, thermodynamics, electricity, magnetism, advanced electrical circuits, physical and geometric optics, and a variety of modern physics topics such as quantum mechanics, atomic physics and nuclear physics. Continuing the focus on inquiry-based learning fostered in AP Physics 1, students will continue to develop their scientific critical thinking and reasoning skills. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe/AP Physics 1 Co-Requisite: Completion of, or concurrent enrollment in IM3 Stem or higher math.
COURSE TITLE:	Physics C - Advanced Placement (Mechanics and Electricity & Magnetism)
Course # Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Science CSU/UC: Lab Science(d) School: Westmont <i>UC/CSU Weighted</i>	AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism are college-level physics courses designed for students planning to pursue physical science or engineering majors. Taught sequentially over the school year—one per semester—these calculus-based courses emphasize problem-solving, experimentation, and deep conceptual understanding. In AP Physics C: Mechanics, students explore topics such as kinematics, Newton’s laws, work, energy, and rotational motion. In the spring, AP Physics C: Electricity and Magnetism focuses on electrostatics, conductors, capacitors, electric circuits, magnetic fields, and electromagnetism. Prerequisite: Concurrent enrollment in or completion of Calculus.

COURSE TITLE:	Astronomy with Lab
Course # 13970 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Science CSU/UC: Lab Science(d), College-Prep Elective(g) School: Branham, Prospect	This course covers early astronomy to modern astronomy, including the motions of the planets, stars, and galaxies. It also covers planet formations and the life cycles of the stars. Students perform lab activities and do projects based on the content. Students have access to the observatory to accomplish course requirements. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series. Co-requisite: Enrolled in IM2 or higher math.
COURSE TITLE:	Environmental Science – Advanced Placement
Course # 13620 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: College-Prep Elective CSU/UC: Lab Science(d), College-Prep Elective(g) School: Branham, Leigh, Westmont <i>UC/CSU Weighted</i>	The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Due to the quantitative analysis that is required in the course, students should also have taken at least one year of Algebra. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	Human Anatomy and Physiology
Course # 13640 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: CollegePrep Elective CSU/UC: Lab Science(d), College-Prep Elective(g) School: Branham, Leigh, Prospect, Westmont	In this laboratory elective course, students study the anatomy and physiology of the human body. Students also develop an understanding of the structure, function, and relationships of body systems. Topics include cell physiology and the structural and functional organization of the human body systems: skeletal and muscular systems, nervous system and senses, circulatory system, respiratory system, endocrine system, integumentary system, digestive system and the reproductive system. The study of other organisms is often included to complement student understanding of the human body. Laboratory investigations include dissection, microscopic observation, and testing capabilities of the various body systems. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.
COURSE TITLE:	IB Environmental Systems and Society
Course # 13745 Course Term: Yearlong; offered every other year during even-numbered years (e.g. 2020-2021; 2022-2023; etc.) Grade Level: 11 or 12 Graduation Credit: Elective CSU/UC: Lab Science(d), College-Prep Elective(g) School: Del Mar	This one-year course gives students an understanding of the relationship between the environment and society. The goal of the course is to allow students to learn about the wide range of environmental issues affecting Earth. This course will explore the scientific, ethical and political aspects of environmental issues. The course covers concepts such as human population and Earth's resources, Earth's carrying capacity (how much life can Earth support), conservation of wildlife and natural ecosystems, pollution management, climate change, environmental values and cultures, and sustainability. This course is both lab-based and field-based, students will collect data inside and outside to make informed decisions to propose solutions to problems related to the environment. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	Forensic Science
Course # 13735 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Elective CSU/UC: Science(d), Elective(g) School: Del Mar	This one-year introductory elective science course will allow students to apply the many disciplines of scientific study such as biology, anatomy, chemistry, physics, and earth science to solving crimes. The course covers concepts such as fingerprinting, handwriting analysis, ballistics, blood typing, hair and fiber examination, and DNA analysis. This course is lab based and therefore students engage in scientific methods to collect and manipulate data, making informed decisions using critical-thinking, and scientific problem solving. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

LANGUAGES OTHER THAN ENGLISH (LOTE)

COURSE TITLE:	French 1
Course # 14510 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	French 1 students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in French at a Novice level. Students start developing skills in the 3 modes of Communication: Interpretive, Interpersonal, and Presentational, as well as an understanding of target language cultures and connections to their own culture and other disciplines. Students will be able to comprehend simple stories and examine authentic resources.
COURSE TITLE:	French 2
Course # 14520 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	French 2 students continue to advance in their language proficiency with the expectation of communicating at a Novice High - Intermediate Low level. Students are able to understand simple questions related to personal interests and to initiate simple conversations. They develop the ability to read short texts and write short paragraphs. Students further their understanding of target cultures and connections to their own culture and other disciplines. Prerequisite: French 1

COURSE TITLE:	French 3
Course # 14530 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	French 3 students expand upon and enrich the base of knowledge acquired in French 1 and 2. As students begin communicating at the Intermediate level of language proficiency, they learn to discuss and write about personal experiences and their lives at home and school. They learn to communicate their needs using more complex verb tenses and grammatical structures. Students are also introduced to short literary texts and other authentic documents and media. Prerequisite: French 2
COURSE TITLE:	IB French SL
Course # 14531 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Language other than English, Elective CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	IB French Standard Level is a yearlong course that emphasizes advanced communication in all areas of the language through debates, discussions, essays, and authentic texts and situations. Emphasis is placed on internationalism, global issues, and cross-cultural connections. Student's language skills will be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. Prerequisite: Students must demonstrate proficiency through the equivalent of French 3.
COURSE TITLE:	French 4
Course # 14540 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Language other than English, Elective CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Leigh, Prospect	French 4 increases student proficiency in French. Students review all verb tenses and complex grammatical structures. They study in more depth the geography, history, and literature of France. Continued emphasis on the skills of speaking, reading, writing, and listening enables communication in complex situations. Prerequisite: French 3

COURSE TITLE:	French Language - Advanced Placement
Course # 14560 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Leigh, Westmont, Prospect <i>UC/CSU Weighted</i>	The AP French Language course helps prepare students to demonstrate their level of French proficiency across three communicative modes: (Interpersonal, Interpretive, and Presentational), as well as the six themes of the AP French Language and Culture Exam: Families and Communities, Science and Technology, Beauty and Aesthetics, Contemporary Life, Global Challenges and Personal and Public Identities. The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level. Prerequisite: French 3 or teacher recommendation
COURSE TITLE:	Mandarin Chinese 1
Course # 14950 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Leigh, Prospect, Westmont	Mandarin Chinese 1 is an introductory course to the Mandarin language and the culture of China. Students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in Mandarin at a basic level. Students start developing all five-communication skills: listening, speaking, reading, writing, and cultural awareness.
COURSE TITLE:	Mandarin Chinese 2
Course # 14960 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Leigh, Prospect, Westmont	Mandarin Chinese 2 is a second year course for students who have finished Mandarin 1 or have prior equivalent Mandarin Chinese experience. In this course, students will continue to develop a mastery of the four language skills: speaking, listening, reading, and writing. They will further develop their basic oral skills, their knowledge of Chinese culture/history, and the skills needed to communicate effectively. They will become more confident using target language vocabulary and practice conversational use of sentence patterns. Students will develop skills needed to read for content and begin to acquire basic writing skills in composition. They will demonstrate understanding of the general meaning, key ideas, and some details in authentic texts. Students will learn both simplified and traditional Chinese characters. Prerequisite: Mandarin Chinese 1 or equivalent

COURSE TITLE:	Mandarin Chinese 3
Course # 14970 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Leigh, Prospect, Westmont	Mandarin/Chinese 3 is designed to bring the students to a level where they are able to satisfy many complex social demands. Students are able to gain a more concentrated study of grammar and vocabulary and an in-depth approach to the culture of Chinese society. They will create sophisticated sentence structures in both formal and informal situations. Students will be able to produce, interpret, exchange and compose personal opinions, and state the various topics beyond survival needs. They will demonstrate understanding of the main idea and details in authentic texts. They are able to manipulate and articulate while using grammatical structures of the language. This course is conducted primarily in Mandarin. Prerequisite: Mandarin Chinese 2 or equivalent
COURSE TITLE:	Mandarin Chinese 4 Honors
Course # 14490 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Leigh <i>UC/CSU Weighted</i>	Mandarin/Chinese 4 Honors is designed to enable the students to participate extensively in the life of the Chinese society. The students should be able to manipulate most social situations and casual conversations regarding current events. They will be able to discuss, compare and contrast, support or persuade an opinion in the various topics. Grammar and writing skills will be reviewed and refined in the context of cultural studies, which will include the study of Chinese literature, art, music and customs. They will demonstrate understanding of the main idea and details of authentic texts. They are able to use extended paragraphs to produce formal communications related to the external environment. This intensive honors course at level 4 is conducted in Mandarin and students are expected to use only Mandarin in class. The course covers approximately 1200 Chinese characters and associated phrases. Students who enroll in this course can prepare to take the SAT Chinese exam. Recommended Mandarin Chinese 3 or equivalent

COURSE TITLE:	AP Chinese Language and Culture
Course # 14980 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	At this level, students have a higher degree of competency in all four-language skills: speaking, reading, writing and listening. Students engage in an exploration of both contemporary and historical Chinese culture through a wide array of authentic sources while they further refine and expand their knowledge of the Chinese language and culture. Students read in class and independently interpret selected literary works; discuss contemporary issues as presented through literature, magazines, newspapers, videos and online resources; have an understanding and appreciation of the history and culture of the people using the language; and interact comfortably with native speakers. This course is conducted in Mandarin/Chinese. Students who enroll will also prepare to take the Advanced Placement Chinese Literature Exam. Recommended successful completion of Mandarin Chinese 3 or equivalent
COURSE TITLE:	Korean 1
Course # 14951 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham	Korean 1 is a yearlong, introductory course which provides students with a clear understanding of the development and structure of the Korean language. The first year Korean course offers the basic elements of reading, writing, speaking, and listening. Students will be able to use orthography (writing system of Hangul) and phonology (sounds system) to understand and produce words and phrases in context. Students will be able to interpret the written and spoken language in highly predictable common daily settings. In addition, students will develop an appreciation of Korean customs and history appropriate for their course level. By the end of this course, students will have the necessities appropriate for a first-year Korean language learner.
COURSE TITLE:	Korean 2
Course # 14952 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham	Korean 2 is the next step for students who finished Korean 1 or have equivalent experience in Korean. The course focuses on boosting language skills in speaking, listening, reading, and writing. It places a strong emphasis on improving oral communication, broadening cultural knowledge, and honing effective communication skills. Students will gain confidence with a broader vocabulary and practice conversational patterns. Throughout the course, there will be consistent practice in conversation, reading, and writing, enabling students to comprehend and use more advanced levels of the Korean language. By the end, students will be more skilled in speaking, reading, writing, and understanding both the Korean language and culture at their level. Prerequisite: Korean 1 or equivalent

COURSE TITLE:	Korean 3
Course # 14953 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham	Korean 3 is designed for students who have successfully completed Korean 2, offering an advanced exploration of conversation, reading, and writing, with a particular emphasis on the intricacies of Hangul. The course aims to elevate students' fluency in both spoken and written Korean to an intermediate level, guiding them through more complex levels of language acquisition. Throughout Korean 3, students will refine their skills by engaging in various tasks and projects, consolidating their understanding of the language. The curriculum not only challenges students to grasp more sophisticated linguistic concepts but also encourages practical application, fostering a dynamic and enriching learning experience. By the conclusion of the course, students will exhibit heightened proficiency in Korean conversation and demonstrate competence in reading and writing, laying a robust foundation for continued language development and cultural engagement in the Korean context. Prerequisite: Korean 2 or equivalent
COURSE TITLE:	Korean 4
Course # 14954 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham	Korean 4 is an advanced language course tailored for students who have successfully completed Korean 3 or possess equivalent proficiency in the Korean language. Spanning two semesters, this course aims to fortify and enhance students' capabilities in speaking, reading, and writing Korean. It systematically revisits previously learned grammar while introducing new concepts, fostering a deeper understanding of the cultural diversity within the Korean-speaking world. The course further challenges students to craft extended paragraphs, essays, and various forms of writing, showcasing mastery of complex sentence-level elements. Topics include conjunctive structures, interrogative dialogue, indirect quotation, suggestion, and negation, all of which are introduced and practiced in Korean 4. Students exhibit their comprehension of complex sentences and multiple paragraphs, addressing both common daily subjects and academic language, utilizing technology as a tool for communication. Prerequisite: Korean 3 or equivalent

COURSE TITLE:	Korean 4 Honors
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham	Korean 4 Honors is an intensive course for students seeking to achieve advanced proficiency in Korean while honing their analytical and interpretive skills. Students will engage with authentic texts such as literature, news articles, and multimedia, allowing them to explore complex topics and cultural nuance. Prerequisite: Korean 3 or Teacher approval
COURSE TITLE:	Spanish 1
Course # 14650 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	Spanish 1 students are introduced to basic structures and vocabulary dealing with everyday situations that enable them to communicate effectively in Spanish at a Novice level. Students start developing skills in the 3 modes of Communication: Interpretive, Interpersonal, and Presentational, as well as an understanding of target language cultures and connections to their own culture and other disciplines. This course is appropriate for students with no prior experience, or minimal classroom experience, with the Spanish language. This course is not intended for students who already speak Spanish.
COURSE TITLE:	Spanish 2
Course # 14660 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Del Mar, Leigh, Prospect, Westmont	Spanish 2 students continue to advance in their language proficiency with the expectation of communicating at a Novice High - Intermediate Low level. Students are able to understand simple questions related to personal interests and to initiate simple conversations. They develop the ability to read short texts and write short paragraphs dealing with everyday life. Students further their understanding of target cultures and connections to their own culture and other disciplines. Prerequisite: Spanish 1 or teacher recommendation

COURSE TITLE:	Spanish 3
Course # 14670 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Del Mar, Leigh, Prospect, Westmont	Spanish 3 students expand upon and enrich the base of knowledge acquired in Spanish 1 and 2. As students begin communicating at the Intermediate level of language proficiency, they learn to discuss and write about personal experiences and their lives at home and school. They learn to communicate their needs using more complex grammatical structures. Students are also introduced to short literary texts and other authentic documents and media. Prerequisite: Spanish 2
COURSE TITLE:	Spanish 4
Course # 14680 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Leigh, Prospect, Westmont	Spanish 4 increases the student's proficiency in Spanish. Students review all verb tenses and complex grammatical structures. They learn in more depth the geography, history, and literature of Spain and listening enables communication in complex situations. Prerequisite: Spanish 3 or equivalent
COURSE TITLE:	IB Spanish SL
Course # 14673 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The purpose of this one-year course is to foster the language acquisition necessary for students to become proficient in the target language by improving in four language skills: listening, speaking, reading and writing. Students will be able to use the language effectively and respond spontaneously according to the cultural context of a situation. They will also be able to analyze and respond critically in the target language to the topics developed in class. Students will also develop an objective appreciation of the different views of people from other cultures and their cultural legacy. The course will help students become citizens of the world. This course is generally recommended for non-native speakers. Prerequisite: Students must demonstrate proficiency through the equivalent of Spanish 3

COURSE TITLE:	IB Spanish HL
Course # 14671 (Year 1) 14672 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Del Mar	The objective of this advanced two-year course is to master the receptive, productive and interactive skills through the use of daily interaction and authentic texts in Spanish. Students will develop the skills necessary to analyze and synthesize a variety of written texts as well as audios and communicate their ideas in Spanish through discussion and in writing based on the text types learned in class. Conversational skills are practiced daily while discussing assigned readings, current events, and in general classroom interactions. This course is designed to develop English-Spanish bilingualism and to prepare students for success on the IB Spanish HL Language B examination and is conducted entirely in Spanish. An extensive study of different text types (e.g. blogs, brochures, formal and informal letter writing, etc.) is also included. It is assumed that students have previously been exposed to advanced language structures in the courses leading up to the IB HL Spanish Language course; however, review of the mechanics is done within the contextual framework of each unit as needed. This course is generally recommended for native or heritage speakers. Prerequisite: Students must demonstrate proficiency through the equivalent of Spanish 3 or Spanish for Spanish Speakers 2.
COURSE TITLE:	Spanish Language - Advanced Placement
Course # 14700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Spanish Language course helps prepare students to demonstrate their level of Spanish proficiency across three communicative modes: (Interpersonal, Interpretive, and Presentational, as well as the six themes of the AP Spanish Language and Culture Exam: Families and Communities, Science and Technology, Beauty and Aesthetics, Contemporary Life, Global Challenges and Personal and Public Identities. The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level. Prerequisite: Spanish 3 or Spanish for Spanish Speakers 2

COURSE TITLE:	Spanish Literature - Advanced Placement
Course # 14720 Course Term: Yearlong Grade Level: 12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Leigh, Westmont <i>UC/CSU Weighted</i>	The AP Spanish Literature course is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The course is designed to introduce students to the formal study of a representative body of Peninsular and Latin American literary texts. The course more closely approximates an introductory literature course typically taught at the college level. The reading list introduces students to the diverse literature written in Spanish and thus helps them reflect on the many voices and cultures included in this very rich literature. Prerequisite: Spanish for Spanish Speakers 2 or AP Spanish Language
COURSE TITLE:	Spanish for Spanish Speakers 1
Course # 14610 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed to help native speakers improve their oral, listening, reading, and writing skills in Spanish. Native speakers learn about Latino culture and history through themes including identity, family, and community. They are encouraged to share their own traditions and experience. Students should have adequate knowledge of the language to complete this course. <i>*Successful completion of this course equates to two years of LOTE.</i>
COURSE TITLE:	Spanish for Spanish Speakers 2
Course # 14620 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Language other than English CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed to further reinforce language skills through the reading and discussion of a wide range of literary works, cultural themes, and current events. Students read Spanish novels, poetry, short stories, plays, and essays, and write analytical compositions and essays. Students have the opportunity to prepare for the Advanced Placement Spanish Language or Literature Exam. Prerequisite: Spanish for Spanish Speakers 1 or adequate knowledge of the language. <i>*Successful completion of this course equates to three years of LOTE.</i>

VISUAL AND PERFORMING ARTS

COURSE TITLE:	Art 1- Drawing and Painting
Course # 17010 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This is a drawing and painting class that explores the basic elements and principles of design, color theory, art history, and cross-cultural art studies. Emphasis is placed on creative expression, craftsmanship, art vocabulary, and critiques. A materials donation may be requested.
COURSE TITLE:	IB Art SL
Course # 17041 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), College-Prep Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The IB Visual Arts SL course is a one-year class that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. The students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 10-15 screens. They will also explore 2 different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 9-18 screens. Four to seven works that demonstrate a thematic concentration will be displayed through their own curative practices. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. Prerequisite: One year of any visual Art class (Art 1, 3D 1 or Digital Photo 1). It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.

COURSE TITLE:	IB Art HL
Course # 17042 (Year 1) 17043 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), College-Prep Elective(g) School: Del Mar	The IB Visual Arts HL course is a two-year course that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. Students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 13-20 screens. They will also explore three different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 13-25 screens. Eight to eleven works that demonstrate a thematic concentration will be displayed through their own curative practices which will require them to be selective through self-reflection, well written curatorial rationales, and awareness to how viewers will engage with their themed work. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. Prerequisite: One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.
COURSE TITLE:	Art 2- Drawing and Painting
Course # 17020 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course continues the study and practice of drawing and painting and further applies the principles of design. Some new mediums are introduced. Projects require greater scope and depth than those in Art 1. Students are engaged in art discussions and critiques, artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. A materials donation may be requested. Prerequisite: Art 1 - Drawing and Painting
COURSE TITLE:	Art 3- Drawing and Painting
Course # 17030 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course extends the study, application and utilization of the elements and principles of art. Students incorporate advanced color theory, various modes of design, and comprehensive art critiques. Emphasis is placed on maintaining a working portfolio, and developing artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. Participating in community art events and investigating careers is also included. A materials donation may be requested. Prerequisite: Art 2 - Drawing and Painting

COURSE TITLE:	Art 4 - Drawing and Painting
Course # 17040 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont	In this course, students focus on an in-depth exploration of a number of mediums. Students work individually in a studio atmosphere, with frequent student/teacher consultation, critiques, and demonstrations and portfolio preparation. Emphasis is placed on creating artistic perception, creative expression, historical and cultural context, aesthetic valuing, connecting and applying information, and career exploration. A materials donation may be requested. Prerequisite: Art 3 - Drawing and Painting
COURSE TITLE:	Studio Art: 2-D Design, Advanced Placement
Course # 17060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	The AP Art and Design course framework presents an inquiry-based approach to learning about and making art and design. Students are expected to conduct an in-depth, sustained investigation of materials, processes, and ideas. The framework focuses on concepts and skills emphasized within college art and design foundation courses with the same intent: to help students become inquisitive, thoughtful artists and designers able to articulate information about their work. AP Art and Design students develop and apply skills of inquiry, investigation, practice, experimentation, revision, communication, and reflection. Prerequisite: Recommended instructor approval upon portfolio review
COURSE TITLE:	Studio Art: 3-D Design, Advanced Placement
Course # 17075 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham <i>UC/CSU Weighted</i>	AP Studio Art 3D is a fundamental class for college preparation with emphasis on contemporary and traditional three-dimensional processes, concepts, and materials. Projects are designed to introduce and fuse content, skill, and the principles of design and composition. Emphasis will be placed on solving visual problems and thinking critically, analytically, and creatively.

COURSE TITLE:	Studio Art: Drawing - Advanced Placement
Course # 17065 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Prospect, Westmont <i>UC/CSU Weighted</i>	AP Studio Art: Drawing is a fundamental class for college preparation with emphasis on traditional and contemporary drawing processes and concepts of "mark-making". projects are designed to develop and demonstrate mastery in composition and execution of drawing techniques and material while challenging students to explore personal ideas and themes. Drawing portfolios are designed for students who are seriously interested in the practical experience of art. Prerequisite: Art 1 (Recommended Art Pathway 1, 2, 3)
COURSE TITLE:	AP Art History
Course # 17066 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Leigh	The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in -depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.
COURSE TITLE:	Digital Photography 1
Course # 17180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Westmont	The beginning digital photography course covers the concepts of traditional photography and how it translates to digital technologies. A photo-editing program is used to create artful digital images. Students learn how to use computer hardware and software as tools in creating digital photographic art. The course includes the history of photography, the use of digital images in personal and commercial applications such as advertising and commercials. Students create and critique a portfolio. A materials donation may be requested.

COURSE TITLE:	Digital Photography 2
Course # 17185 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE, Visual & Per Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Westmont	This advanced digital photography class will continue the skills learned from Digital Photography 1. Students will learn how to shoot in RAW (image format or digital negative) and how to create HDR (high definition resolution) images. Professional Studio lighting and photography will continue where they will create a series of still life and studio portraits building an advanced portfolio. In addition, students will continue to build upon their Photoshop skills; with each unit they will learn the cultural / historical background of the projects. The students will critique and create a portfolio of work, which will be presented at a final end of the year Art Show Retrospective. A materials donation may be requested. Prerequisite: Digital Photography 1
COURSE TITLE:	Photography 1
Course # 17090 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Leigh	This hands-on introductory course is designed to explore the use of camera and darkroom equipment using black and white film. Class instruction includes the use of cameras with correct exposure, the use of photographic darkroom equipment to print from negatives, and proper photographic mounting and display. Design, composition, and craftsmanship are emphasized to improve picture-taking skills. A study of classical, historical photographers and their photographs is presented. A materials donation may be requested.
COURSE TITLE:	Photography 2
Course # 17100 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Leigh	This course extends the concepts presented in Photography 1 to include advanced photographic techniques and special effects. The course explores digital photography, using PC computers with photo editing software. A study of the cultural heritage and key classical photographers is presented. The class offers an opportunity for students to develop a personal portfolio and style of photography. A materials donation may be requested. Prerequisite: Photography 1

COURSE TITLE:	3D Design 1 - Ceramics & Sculpture
Course # 17070 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course explores ceramics, sculpture, and other contemporary media. The students will build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to their own life. A materials donation may be requested.
COURSE TITLE:	3D Design 2 - Ceramics & Sculpture
Course # 17080 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course continues design techniques and the use of media learned in Three Dimensional Design 1. New media are introduced at this level, and a higher level of creativity and skill is expected. The students build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to life. A materials donation may be requested. Prerequisite: 3D Design 1
COURSE TITLE:	3D Design 3 - Ceramics & Sculpture
Course # 17110 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course continues design techniques and the use of media learned in Three Dimensional Design 2. A higher level of creativity and skill is expected in the various media. The students build a portfolio of artwork, learn appropriate art vocabulary, learn historical/cultural information, make critical assessments, and connect art to life. A materials donation may be requested. Prerequisite: 3D Design 2

COURSE TITLE:	Dance Performance
Course # 13200 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar	This class covers basic dance technique (ballet, modern and jazz dance), dance theory and history. In addition, students are exposed to a range of dance performance and choreographic structures, which are ultimately applied to the Choreography Project, where students create their own dances individually or in small groups. Students perform at two recitals throughout the year: Winter Recital (students demonstrate knowledge of dance technique and performance) and Spring Recital (students create and perform their own dances). The class involves specific dance technique and requires students to demonstrate knowledge of dance history and dance critique.
COURSE TITLE:	Dance Performance (Intermediate)
Course # 13300 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham	In this class, students will explore intermediate dance techniques, which are based on techniques from the beginning level class. These techniques will be applied to several different styles of dance, including ballet, jazz, contemporary/lyrical and hip-hop. Students will be required to perform aerobic and core strengthening exercises in class as well as a large performance in Branham's theater at the end of the school year. There will also be elements of self-reflection, critique and exploration of the history of dance in order to study and analyze the importance of dance across time and cultures. Prerequisite: Dance Performance
COURSE TITLE:	Dance Performance (Advanced)
Course # 13260 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham	Advanced Dance Performance is an intermediate level class for students with a minimum of one year of previous dance experience. This class offers students the opportunity to learn intermediate elements and techniques of dance. Various styles of dance including jazz, modern, ballet and tap will be taught. Students will choreograph dance routines and perform their original compositions. Advanced students are required to participate in various school-wide events such as sports events, parent information nights, and school assemblies. All students will participate in fitness activities and the development of an individual fitness plan. Students will be expected to develop both artistic skills and personal fitness throughout the course. Advanced Dance Performance may be repeated for a maximum of three semesters.

COURSE TITLE:	Concert Band
Course # 17520 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Westmont	This course is designed for students with some experience in performance of wind, brass, or percussion instruments. Students learn to read music notation, rhythmic notation, terms and concepts associated with performing, and the fundamentals of performance on the instrument of their choice. This ensemble performs periodically at the school site and possibly off campus.
COURSE TITLE:	Symphonic Band (Advanced Band)
Course # 17660 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	Symphonic Band is a performance-based ensemble open to students who have prior experience on their instrument and the ability to read music. The ensemble consists of wind and brass instruments and percussion. Many styles of music are studied from classical to modern works. Study includes the care and cultivation of tone, building technique, responsible rehearsal habits, listening skills, and the ability to analyze and evaluate music and music performances. Several performances outside the school day may be required. Prerequisite: Concert Band
COURSE TITLE:	Jazz Ensemble
Course # 17580 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Prospect, Westmont	This course extends the skills developed in Symphonic Band and adds jazz technique to the classically trained musician. Emphasis is placed in the areas of jazz history, theory, and performance. Students enrolled in Jazz Ensemble learn the fundamental aspects of jazz through the performance of standard literature from the 1920's to the present. Students perform at two or more concerts and festivals per year. All performances are required. Prerequisite: Audition or Teacher Approval

COURSE TITLE:	Percussion Ensemble
Course # 17471 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Westmont	Percussion Ensemble is dedicated to the performance of significant percussive styles from around the globe. Percussion traditions, including from Cuba, Brazil, India, West Africa and the Middle East, are explored through performance and cultural exploration. No prior performance experience necessary for membership. Emphasis is placed on the fundamentals of comprehensive percussion performance (snare drum, timpani, keyboards, marching percussion and drum set), including tonal concepts, technical skills, performance skills, aural skills and rudimentary music theory. In addition to several formal concerts, members are required to perform for various school/community performances and sectional rehearsals. Attendance at these functions when scheduled outside of school hours is a course requirement. Members of the Percussion Ensemble combine with musicians of the Concert Band, Wind, Ensemble and Symphonic Band to perform at large concerts. In addition, members of the Percussion Ensemble have an opportunity to participate in a variety of co-curricular music ensembles and activities.
COURSE TITLE:	String Orchestra
Course # 17480 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Leigh, Prospect	The String Orchestra is open for audition to all orchestral string musicians. The instrumentation of the ensemble consists of violin, viola, cello, and double-bass. A wide variety of literature is studied from early baroque to modern compositions. Emphasis is placed on proper technique, musicianship, building responsible rehearsal habits, and developing listening and music reading skills. This is a performance-oriented ensemble, and therefore, campus and community performances are required components of the class. Prerequisite: Previous experience or Audition String Orch

COURSE TITLE:	Chamber Orchestra
Course # Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Prospect	Chamber Orchestra is an upper-level course open by audition to all students who have played in the PHS String Orchestra for at least one year. Auditions will be held in the early spring and students will have the opportunity to view and work on all audition materials, except for sight reading, which will be available only at the time of the audition. The course will focus on continued development of technical skills, tone production, tuning, rhythmic maturity, posture, bowing/articulation, and ensemble rehearsal etiquette in a full ensemble setting. The study of music theory will be embedded into the fabric of the warm-up and concert literature. Once accepted to the class students will work with directors on advanced string orchestra and chamber orchestra literature. The course is designed for students who have at least five years of playing experience on their instrument and who also work well in a fast-paced musical environment. Students are expected to practice all materials outside of class and be able to work well in small groups. Leadership and initiative are also expected, as well as dedication to the artistic process and to the musicians and directors that are working with the ensemble. This ensemble will travel for festivals and competitions. To maintain the balance of the ensemble, students must be able to commit to travel. Prerequisite: • Participation and satisfactory completion of String Orchestra in 9th Grade. • Follow an audition process involving: Playing of excerpts, major & minor scales, and sight reading prior to the registration of courses.
COURSE TITLE:	Wind Ensemble (Music, Advanced)
Course # 17650 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Prospect, Westmont	This advanced band course is designed to extend the development of the serious music student. This class explores concert repertoire of the 19th, 20th, and 21st centuries. The ensemble performs frequently and may include travel to festivals. Rehearsals outside the class period may be required to prepare for concerts and festivals. Prerequisite: Concert Band and Audition.

COURSE TITLE:	Guitar
Course # 17560 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course develops the knowledge of guitar techniques with an emphasis on learning to read music and developing the abilities to learn and understand the playing techniques used in playing the classical guitar.
COURSE TITLE:	Guitar 2
Course # 17571 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Prospect, Westmont	This one-year course is designed for students who have successfully completed the skills outlined in the Guitar 1 syllabus. This course includes further development of the skills necessary to become independent as a guitarist. Students will receive guidance and direction in solving problems related to playing the guitar on an intermediate level and will learn many of the different styles, skills, and techniques required to become a successful guitarist. Areas of concentration include correct posture, note reading, flat-picking, rhythmic patterns, chord study, and finger picking styles, musical forms, and improvisation and performing experiences. A progression of technical proficiency is expected. Prerequisite: Guitar or Teacher Approval (Earned by Passing the Guitar 1 Final Exam)
COURSE TITLE:	Concert Choir
Course # 17540 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect	Students gain the knowledge and skills that enable them to sing all levels of music literature in a choir. This principal singing group performs at several concerts, festivals, or other events during the school year. Participation at all performances is required. All aspects of music literature are studied, ranging from early classics to contemporary music.

COURSE TITLE:	Madrigals (Music Advanced)
Course # 17550 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Branham	This course extends the student's knowledge and skills of singing performance and vocal technique. The class studies music from the 1600's to the present and studies voicing ranging from unison to 8-part harmony. All performances are required. This, the most advanced choir, performs many times throughout the year. Prerequisite: Audition or Teacher Approval
COURSE TITLE:	AP Music Theory
Course # 17630 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) School: Westmont <i>UC/CSU Weighted</i>	AP Music Theory is designed to prepare students for a major or minor in music. This course is equivalent to a college level musicianship course, covering both music theory and aural perception 101. Through this course, students will be able to analyze all elements of a musical score through listening, notation, composition, and some performances. This course is not a performance-based class. The class will explore the mechanics of music through analysis of notation, Harmony, composition, music history, and aural perception. Prerequisite: Prior or concurrent participation in an instrumental or vocal class.
COURSE TITLE:	IB Music SL
Course # 17601 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Visual & Perf Art CSU/UC: Visual & Perf Arts(f) School: Del Mar <i>UC/CSU Weighted</i>	The one-year IB Music SL course will be embedded in the existing Symphonic Band and Concert Choir courses as part of the overall curriculum. In addition to the existing course of study, the IB students will be analyzing and creating written responses based on the medium, melody, harmony, meter, form, style and context of a wide variety of music from western and non-western cultures and genres. Students will also be prepared to analyze and respond to directed questions on the exam related to at least one major work over a two-year period. Lastly, the students will hone their listening and critical thinking skills by listening and crafting written responses to examples of music from a wide variety of cultures and genres. Prerequisite: Students must demonstrate proficiency in Choir, Guitar, or Band

COURSE TITLE:	Musical Theatre 1
Course # 17710 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Westmont	This course serves as an ambitious introduction to the principles, fundamentals, skills, and historical context of musical theatre in the United States and abroad. The course is designed around and meets all of the California Content Standards for theatre, dance, and music. Major units of study focus on the historical context of musical theatre, music, and dance, artistic perception and critique, aesthetic valuing, creative expression, and connections and applications of the performing arts to career aspirations and opportunities.
COURSE TITLE:	Musical Theatre 2
Course # 17790 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Westmont	This course enables students to participate in varied aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students will be introduced to the foundations of musical theatre using exercises, assignments, prepared musical selections, play/ concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Musical Theatre 1
COURSE TITLE:	Musical Theatre 3
Course # 17795 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Westmont	This course enables students to participate and manage the varied aspects of musical theatre with special attention to vocal production, stage movement, acting, characterization, dance and technical aspects of a musical production. Students participate in leadership and directorial positions such as choreographer, production assistant, director, and vocal director or other varied technical design and leadership positions. Students will be introduced to advanced tenants of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Emphasis is on the student led creation of every aspect of a musical theatre performance. Prerequisite: Musical Theatre 2

COURSE TITLE:	Musical Theatre 4 Honors
Course # 17796 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Westmont <i>UC/CSU Weighted</i>	This course builds on the skills developed in Musical Theatre 1, 2, and 3 and provides advanced instruction on job skills required in the world of Theatrical Production. Students will continue to develop skills in directing, choreography, vocal direction and theatrical design. They will also be responsible for obtaining a professional internship in theatre arts with a local theatre company (the instructor will assist students using district connections and resources). They will keep a weekly journal detailing their learning experiences and a resource binder showing the job skills they have acquired. Students will also take a business or logistic leadership role (director, producer, stage manager) for at least one public performance assignment. Students will also take a leadership role outside of class activities (such as an open audition play or performance events). Students develop multiple organizational and non-artistic skills such as schedule planning, interpersonal problem solving, peer direction and leadership, and working collaboratively with others (both students and teachers). Students round out their education by spending a minimum of 10 hours working on large scale productions in the area of patron services and technical theatre. Prerequisite: Musical Theatre 3
COURSE TITLE:	Commercial Music Production- Level 1
Course # 17640 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar	Students will learn how to use digital audio workstations, appropriate software and complete a wide range of projects including voice-over, original composition, multi-track recording in live and pre-recorded formats, as well as creating a portfolio of products that would be appropriate for job or college applications. Pre-Requisites: 1 year of Band (either), Choir, or Guitar or teacher approval
COURSE TITLE:	Commercial Music Production- Level 2
Course # 17642 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Del Mar	Students will refine their creative and technical skills and prepare for careers in the music industry. Students will build a collection of original music, properly operate equipment and digital audio workstations, record and/or perform in professional environments, and explore careers across music technology, music business, studio operations, and live performance. Students will gain proficiency in industry-standard software and tools that will prepare them for specialized careers for artists, engineers, producers, and music-specific audio professionals. Pathway completers will develop a professional portfolio and/or Electronic Press Kit (EPK) and understand the application of skills in workplace environments.

COURSE TITLE:	Theatre 1 - Beginning
Course # 17750 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course introduces and provides experience in all aspects of theatre arts. Students study basic principles of acting, including character analysis, textual interpretation, voice, movement, collaboration, improvisation, and critical analysis of performance. Additionally, students gain a working knowledge of theatre history and the multiple forms of theatrical performance, as well as the technical aspects of theatre and theatrical design. Special emphasis is placed on theatrical vocabulary and codes of conduct, as well as the creation, production, and direction of monologues and scenes.
COURSE TITLE:	Theatre 2 - Production and Performance
Course # 17780 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE, I Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course focuses on styles of acting and performance and theatrical production. Class work focuses on scene study (including research, direction, stage management, character analysis, setting analysis, and design) and monologues from various theatrical eras and genres. Prerequisite: Theatre 1
COURSE TITLE:	Theatre 3 - Directing for Stage
Course # 17740 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is an extension of the Theatre Arts program, focusing on directing for the stage. Students engage in collaborative projects with acting students during which they develop the critical leadership skills needed to succeed in the professional world. Focus is conceiving and then creating a total concept, peer coaching, and critical analysis of theatrical works. Prerequisite: Theatre 2

COURSE TITLE:	Theatre 4 Honors
Course # 17770 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Westmont, Prospect <i>UC/CSU Weighted</i>	This advanced level course focuses on the leadership and producing components of Theatre Arts. Students develop a clear understanding of all the components of the production process while gaining the critical career skills of collaboration, organization, and peer leadership. Students learn the business of theatre while deepening their skills as an actor and director. Prerequisite: Theatre 3
COURSE TITLE:	Technical Theatre 1- Theatre and Design
Course # 17680 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Del Mar, Leigh, Prospect, Westmont	This course develops knowledge of and experience in all the technical (nonperformance) aspects of theatrical production. Special emphasis is placed on the elements of theatrical design (scenery, lighting, properties, sound, costumes, and hair and make-up), design analysis, stage management, and production management. Additionally, students gain hands-on experience in all aspects of technical theatre. Students design or crew on two productions.
COURSE TITLE:	Technical Theatre 2 - Stage Design
Course # 17690 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Prospect, Westmont	Technical Theatre 2 continues to refine those concepts and skills outlined in Technical Theatre 1. The course broadens the focus of design to include lighting and costumes and expands the student's understanding of the inter-relatedness of the various design aspects. The topics covered include research techniques and tools, play analysis for visual interpretation, graphic techniques, expression including sketching, drafting, rendering and model building. Students are directly involved in the technical aspects of the productions as they design and construct sets, costumes, and makeup; hang lights, create special effects; paint; and build props for the productions. Students learn specialized vocabulary and explore set design, lighting design, and costume design. Students reflect on design elements found in school and outside production with design analysis and critiques. In the second semester, students explore mood, color, application and perspective. Problem solving, leadership, and working well under pressure are stressed as the students are exposed to the history of theatrical design and current trends in technical theatre. Prerequisite: Technical Theatre 1

COURSE TITLE:	Technical Theatre 3 - Production Staff
Course # 17700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) (Leigh & Westmont only) School: Branham, Leigh, Prospect, Westmont	Technical Theatre 3 focuses on the production staff aspects of putting on a show. Such positions include stage manager, technical director, as well as set, costume, prop, and lighting designers. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Technical Theatre 2
COURSE TITLE:	Technical Theatre 4 Honors, Theatre Leadership
Course # 17610 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Technical Theatre 4 Honors deepens the focus on the production staff aspects of putting on a show. Such positions include stage manager, technical director, as well as set, costume, prop, and lighting designers. Students also must produce a production. Technical Theatre 4 Honors requires the student to investigate, arrange, and complete an internship with a professional theatre company. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Technical Theatre 3
COURSE TITLE:	Theatre Production 1A, 1B, 2A, 2B, 3A, 3B
Course # 91201 Course Term: Semester Grade Level: 10-12 Graduation Credit: Visual & Perf Arts CSU/UC: Visual & Perf Arts(f)(pending) School: Branham, Del Mar, Westmont	This semester-long, repeatable, performance-oriented course is designed for students who are interested in continuing their study in all levels of theater arts, and applies skills introduced in entry-level Theatre courses, such as acting, characterization, scene study, directing, and an introduction to technical theater. Students will work together as a production team on a theater piece with the culminating event of the course being a play produced on the main stage for a captive audience. Through the course of rehearsals, students will develop and broaden their acting techniques, as well as their knowledge of different acting styles. Emphasis in the course will be placed on the total collaborative effort of the students as a production team, as well as all aspects of production including: character development, script analysis, production and business management, and theater history research and a post production analysis. Students also learn to prepare for college and professional acting auditions during the course of the semester.

PHYSICAL EDUCATION

COURSE TITLE:	Physical Education 9: Course 1
Course # 13010 Course Term: Yearlong Grade Level: 9 Graduation Credit: Phys Ed School: Branham, Del Mar, Leigh, Prospect, Westmont	This course includes movement patterns and skills related to individual and dual sport activities, rhythms/dance and aquatics as addressed in California State Standards for Physical Education Course 1 and California Education Code. All classes are conducted in a co-educational, inclusive manner. Emphasis is placed on dynamic warm up routines aimed at improving coordination, balance, speed, endurance and reaction time, in addition to cardiovascular endurance activities. Principles of biomechanics, the five components of fitness and the Fitnessgram physical fitness test will be included. A comprehensive health unit is also included as part of this course curriculum.
COURSE TITLE:	Physical Education 10-12: Course 2
Course # 13030 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed School: Branham, Del Mar, Leigh, Prospect, Westmont	This course includes movement patterns and skills related to team sports, gymnastics and tumbling, and combative sports as addressed in California State Standards for Physical Education Course 2 and California Education Code. All classes are conducted in a co-educational, inclusive manner. Students are tasked with assessing current physical fitness levels and challenged to enhance their fitness levels through personal goals aimed at improving each area of the five components of health related physical fitness. Additionally, there is an emphasis on teamwork strategies including group dynamics, self-responsibility and social interaction.
COURSE TITLE:	Sports/Marching Band PE
Course # Course Term: Per Season Grade Level: 9-12 Graduation Credit: Phys Ed School: Branham, Del Mar, Leigh, Prospect, Westmont	Sports/Marching Band PE allows student athletes to earn PE credits through participation in school sponsored sports and/or Marching Band. Coaches/Band Directors evaluate candidates on three criteria (attendance, work ethic and sportsmanship) to help determine an overall grade recommendation. Final grades are assigned by PE DC. Students can earn 2.5 credits per season, up to 5 credits max per school year. Students must pass the Physical Fitness Tests (4 out of 5) in the 9th grade, maintain a 2.0 GPA during each season of participation and finish the season in good standing to be eligible to earn credit.

COURSE TITLE:	Advanced Physical Education: Course 3
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective School: Branham, Del Mar, Leigh, Prospect, Westmont	Advanced Physical Education is an exciting and dynamic course designed to challenge and empower high school students to reach new heights of physical fitness, wellness, and athletic excellence. This course builds upon the foundational principles of physical education while delving deeper into fitness concepts, sports, and healthy living practices. Prerequisite: Two years of Physical Education or equivalent
COURSE TITLE:	Personal Fitness
Course # 13910 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed or Elective School: Branham, Del Mar, Leigh, Prospect, Westmont	Personal Fitness students have the opportunity to learn Personal Fitness skills, proper methods and techniques of Personal Fitness, and the relationship of Personal Fitness to wellness and fitness. Personal Fitness is based on movements that are taken from Gymnastics, Olympic lifting, Track and Field, and a variety of other disciplines. The learning experience offered can be a major contributing factor in the development of an individual in all phases of life—physical, mental, emotional and social. Prerequisites: Successful completion of Physical Education 9: Course 1
COURSE TITLE:	Advanced Personal Fitness
Course # 12911 Course Term: Yearlong Grade Level: 12 Graduation Credit: Elective School: Westmont	This course is for students who have previously completed a year of personal fitness and have mastered a majority of techniques applied to the various exercises taught in this course. Advanced personal fitness will allow students to further expand their strength and fitness as well as mentor other students. Prerequisite: Successful completion of Personal Fitness
COURSE TITLE:	Intro to Weight Training
Course # 94048 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed or Elective School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is designed to give students the opportunity to learn weight training concepts and techniques used for improving physical fitness. Students will learn the basic fundamentals of weight training, program development, program implementation and overall fitness training. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Prerequisites: Successful completion of Physical Education 9: Course 1

COURSE TITLE:	Military Science 1
Course # 13100 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Phys Ed, CTE School: Branham, Del Mar	The Military Science program develops leadership skills, self-discipline, teamwork, individual initiative, citizenship, and respect for our government and country. We offer the Military Science program district-wide, and students who wish to participate may do so at the applicable sites. Transportation is not provided.
COURSE TITLE:	Military Science 2
Course # 13110 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE School: Branham, Del Mar	Military Science 2 includes the effects of physical activity upon dynamic health, mechanics of body movement, aquatics, gymnastics and tumbling, individual and dual sports, rhythms and dance, team sports, and combative skills. Prerequisite: Military Science 1
COURSE TITLE:	Military Science 3
Course # 13160 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE School: Branham, Del Mar	Military Science 3, cadets begin to use their leadership training as they assume positions of increased authority and responsibility within the School program. Detailed instruction on personal finances is presented, as well as other preparation for life beyond high school. Prerequisite: Military Science 2
COURSE TITLE:	Military Science 4
Course # 13165 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Phys Ed, CTE School: Branham, Del Mar	Cadets continue to use their leadership training as they assume positions of increased authority and responsibility within the School. Prerequisite: Military Science 3

COURSE TITLE:	Elective Physical Education (PE):
Course # 13070 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective School: Leigh	Students who have successfully completed two years of physical education may take Elective Physical Education. This class focuses on lifelong fitness, recreation activities, and weight training with emphasis on strength building and conditioning. Prerequisite: Two years of Physical Education
CTE/AGRICULTURE	
COURSE TITLE:	Agricultural Biology
Course # 13650 Course Term: Yearlong Grade Level: 9-10 Graduation Credit: Biological Science CSU/UC: Lab Science(d) CTE Pathway: Animal Science CTE Course Level: Concentrator School: Westmont	This course provides a hands-on approach to biological sciences through agriculture. Agriculture Biology is a laboratory science course designed for the college-bound student. The course emphasizes detailed knowledge of the biological principles of the following areas: molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, physiology, plant and animal diversity, and principles of classification, ecological relationships, and animal behavior. Concepts in animal and plant science, foreign and domestic agriculture history, public speaking, and parliamentary procedure also included.
COURSE TITLE:	Agricultural Mechanics 1
Course # 16140 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Career Technical Education CTE Pathway: Agricultural Mechanics CTE Course Level: Concentrator School: Westmont	Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards and hand and power tools. Topic clusters in this course include electricity, small engines, welding and metalwork, wood construction and mechanical technology. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE TITLE:	Agricultural Mechanics 2
Course # 16141 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Career Technical Education CTE Pathway: Agricultural Mechanics CTE Course Level: Capstone School: Westmont	This course is designed for advanced study of agricultural mechanics. Areas of study include construction operations and maintenance of equipment. Additional topics include metal and welding fabrication. Prerequisite: Agricultural Mechanics 1
COURSE TITLE:	Agriculture Government Policy & Economics
Course # 12210 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Hist/Social Science CTE Pathway: None CTE Course Level: Singleton School: Westmont	In this course, students will pursue a deeper understanding of the institutions of American Government, in addition to the underlying economic principles that shape policies throughout the agriculture industry, they will complete an in-depth study of the system of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, the economic impacts of the aforementioned, and their relationship to agriculture and agribusiness. Students will also master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro and macroeconomics, international economics, comparative economic systems, measurement, and methods. This course is designed for advanced study of agriculture business opportunities and economics for college bound students with interest in agriculture. This course will create civic and financial literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship as consumers in the American democracy.

COURSE TITLE:	Veterinary Science
Course # 13610 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Biological Science CSU/UC: Elective(g) CTE Pathway: Animal Science CTE Course Level: Capstone School: Westmont	This course will provide a realistic preview of both veterinary work and the academic rigor needed to achieve success in this profession. Students begin the year exploring cells and tissues. Throughout the year, they investigate the different physiological systems and how they apply to nutrition, diseases, diagnosis, and surgery. Diseases may include Mastitis, Kennel Cough, Equine Colic, Anthrax, Mad Cow Disease, West Nile Virus, Cat Scratch Disease, and many more. Field trips may include visits to local vet clinics, SVCTEC’S Pre-Vet Program, and local farms to watch surgeries or demonstrate real life concepts. Students may have the opportunity to participate in FFA judging teams. If you desire a career or interest as a veterinarian, farmer, zoologist, pet owner, or any other animal related career, then this is the course for you. Prerequisite: Agriculture Biology
COURSE TITLE:	Agriculture and Soil Chemistry
Course # 13630 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Science CSU/UC: Lab Science(d) CTE Pathway: None CTE Course Level: Singleton School: Westmont	This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

COURSE TITLE:	Agriculture Physics in Application
Course # 13563 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Science, CTE CSU/UC: Lab Science(d) CTE Course Level: Singleton School: Westmont	Ag Physics is a collaborative and rigorous standards-based laboratory science course that fulfills the physical science requirement focusing on college and career readiness. This course is a standards-based study of fundamental physics concepts, such as measurement, calculation, and graphing in kinematics and dynamics, propagation and conservation of energy and momentum, gravitation, heat and thermodynamics, waves, optics, and electromagnetic phenomena. Emphasis is placed on the utilization of mathematical, analytical, data acquisition, graphical, and communication skills to promote discovery of those concepts. Concepts and skills are reinforced by emphasis on hands-on laboratory experiences and the integration of agricultural physics and natural resources. Applications explain how physics applies to agricultural and natural resources, and the utilization of technology are included.

CTE – WORK EXPERIENCE

COURSE TITLE:	General Work Experience Education (GWEE)
Course # 15160 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE School: Boynton, Branham, Del Mar, Leigh, Prospect, Westmont	This one-year course is designed for juniors and seniors. It combines supervised part-time employment with academic and skill preparation in the classroom. Students are assisted in acquiring desirable work habits and attitudes. Students meet on the high school campus at least one period per week. Credit is awarded based on the number of hours spent at the paid employment site, their classroom preparation, and in the completion of all paperwork and assignments. Prerequisite: Students must be at least 16 years of age and employed by the first class meeting. Jobs must be approved by the instructor.

CTE – EDUCATION

COURSE TITLE:	Careers in Education I
Course # 13225 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Education CTE Course Level: Introduction School: Boynton	This is a course for grades 9-12 to explore career options and key concepts in the field of education. This is the first course in a two-year sequence. The goal is to create a pipeline for students to enter the education field and fill positions in this industry. This program will provide the first opportunity for students interested in careers in this pathway to formally study education and participate in community classroom practical experiences in partnering schools and youth recreational programs. Topics of study include the history of education, health and safety in education, child/adolescent development, integrated 21st century instructional practices, and family partnerships.
COURSE TITLE:	Careers in Education 2
Course # 13226 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Education CTE Course Level: Concentrator School: Boynton	This is a concentrator level course, an extension of Careers in Education 1. This course is designed to allow students in grades 10-12 to identify an area of education they wish to explore based on their experience in the introductory course. Prerequisite: Careers in Education 1

CTE - INFORMATION & COMMUNICATION TECHNOLOGY

COURSE TITLE:	Digital and Graphic Tools
Course #B15110 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CTE Pathway: Design, Visual, & Media Arts CTE Course Level: Introductory School: Boynton (not a-g)	This course is designed to equip students with core tools for interactive development in a challenging technological environment. Communication skills, basic mathematical concepts and critical thinking are reinforced through software applications. Multidisciplinary projects involve the use of a variety of programs such as word processing, spreadsheets, databases, image editing and graphic design, digital sound and video editing, web design and presentation software. Topics covered include history, hardware, computers and society, safe internet access, copyright issues and computer ethics. Hands-on projects focus on essential skills and provide experience in working in a broad range of media. Simulations, projects, portfolios and teamwork provide opportunities for the application of instructional competencies.
COURSE TITLE:	Computer Programming
Course # 14100 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE, Mathematics CSU/UC: Elective(g) CTE Pathway: Software & Systems Development CTE Course Level: Introductory School: Prospect	This course is an introduction to computers and programming. The course is designed to introduce students who have sufficient math background to the fundamentals of computer programming and data manipulation. Through a project-oriented approach, students will explore a variety of programming systems and languages to create interactive applications and systems. By collaborating in a hands-on environment, students will learn problem solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms). Students will work on projects (both individual and team) in the areas of graphics and games and animation and art, all using open-source software tools such as Scratch, Python, JavaScript and Java. This course is excellent preparation for Advanced Placement Computer Science.
COURSE TITLE:	Computer Programming: Java Honors
Course # 14112 Course Term: Yearlong Grade Level: 11-12 (10 with CSP) Graduation Credit: CTE, Mathematics CSU/UC: Elective(g) CTE Pathway: Software & Systems Development CTE Course Level: Concentrator School: Branham	This course introduces students to basic features of the Java programming language. Students will be introduced to Java primitive and non-primitive data types, control flow constructs, built-in class libraries, error handling, object-oriented programming (OOP) concepts such as classes, objects, method overloading, and encapsulation. Assignments and projects will include using built-in and programmer-defined classes, class composition, inheritance and polymorphism, abstract classes, interfaces, and performing basic input/output operations. At the end of the course, students submit an original, comprehensive final project. This course prepares students to pass Oracle's Java Foundations certification and College Board's AP Computer Science A exam.

COURSE TITLE:	Computer Science Discoveries
Course # 15055 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Science (d) CTE Pathway: Software & Systems Development CTE Course Level: Concentrator School: Del Mar	This course is designed to equip students with core tools for interactive development in a challenging technological environment. Communication skills, basic mathematical concepts and critical thinking are reinforced through software applications. Multidisciplinary projects involve the use of a variety of programs such as word processing, spreadsheets, databases, image editing and graphic design, digital sound and video editing, web design and presentation software. Topics covered include history, hardware, computers and society, safe internet access, copyright issues and computer ethics. Hands-on projects focus on essential skills and provide experience in working in a broad range of media. Simulations, projects, portfolios and teamwork provide opportunities for application of instructional competencies.
COURSE TITLE:	GenYes
Course # 15310 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective(g) pending CTE Pathway: Information Support and Services CTE Course Level: Concentrator School: <i>(Not offered at this time)</i>	GenYES is a digital survey course that is designed to help students develop the knowledge, skills, values, and experience that will help them succeed in an increasingly digital world. Students will develop a strong understanding of the 21st century tools and applications to help them succeed and also assist others navigate technology in the educational setting and beyond. This course is based on the curriculum developed by Generation YES, a nationally acclaimed organization.
COURSE TITLE:	Data Structures and Algorithms Honors
Course # 16560 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Elective CSU/UC: Elective(g) CTE Pathway: Software & Systems Development CTE Course Level: Capstone School: Branham	This is an introductory course to the advanced computer science areas of data structures and algorithms using the Java programming language. Students will explore a variety of data structures such as sets, maps, stacks, queues, and trees. Students will also examine and compare common algorithms such as a binary search and merge sort. Tests are designed to evaluate student understanding of course concepts and theories. Labs are used throughout the course for students to practice and demonstrate their knowledge. At the end of the course students will learn how to use Java graphics to design and build a game.

COURSE TITLE:	Software Engineering Honors
Course # 14113 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective CTE Pathway: Software & Systems Development CTE Course Level: Capstone School: Branham	Software Engineering Honors builds on previous software and systems development courses and is the capstone for the pathway. This course teaches students how to build software in a simulated work environment and covers the full software development lifecycle. Students will practice software engineering principles on team-based projects as they hone their collaboration, communication, and project management skills. Topics include project proposal, requirement analysis, scrum/agile software development, version control, minimally viable product, and testing. Students will need to be proficient in at least one programming language.
CTE - HOSPITALITY, TOURISM & RECREATION	
COURSE TITLE:	Foods 1 - Culinary Arts
Course # 15560 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Food Service & Hospitality CTE Course Level: Concentrator School: Boynton, Branham, Del Mar, Leigh	This course focuses on cooking skills with a heavy emphasis on nutrition. Laboratory experiences, demonstrations, lectures, and skill building exercises provide a high activity-based, low stress format for learning. In addition to cooking skills, students will explore career information and develop skills to make informed food choices. At the end of the course, students take home a recipe collection. A material donation may be requested.
COURSE TITLE:	Foods 2 - Culinary Arts
Course # 15575 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Food Service & Hospitality CTE Course Level: Capstone School: Boynton, Branham, Del Mar, Leigh	This course continues from Foods 1 with a focus on cooking skills with an emphasis on, but not limited to, cooking methods utilizing heat/cold transfers, nutritional science, culinary organization, food science, culinary careers, culinary professionalism, recipe development and costing, menu research and development, and business research and development. Laboratory experiences, demonstrations, lectures, and skill drills will provide an active and thriving environment in a low stress format for learning. In addition to cooking skills, student-chefs will utilize career information to make informed culinary decisions. At the end of the course, student-chefs will take with them a culinary repertoire and work ethic that will be transferable to most industries. Material donation may be requested. Prerequisite: Foods 1

CTE – MANUFACTURING AND PRODUCTION TECHNOLOGY

COURSE TITLE:	Manufacturing Technology 1
Course # 16050 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Machining & Forming Technology CTE Course Level: Introduction School: Westmont	Students in Manufacturing Technology will be introduced to CTE (Career Technical Education) skills. They will have the opportunity to design, plan and construct projects that are based on industry standards. Major emphasis will be placed in the following areas: solid modeling techniques, 3D printing, laser cutting and engraving, CNC, CAM, CAD, manual machining, measurement, welding, sheet metal development and product design.
COURSE TITLE:	Manufacturing Technology 2
Course # 16060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE CTE Pathway: Machining & Forming Technology CTE Course Level: Concentrator School: Westmont	Manufacturing Technology 2 is a project based course centered on advanced manufacturing techniques and concepts. Students in Manufacturing Technology 2 will continue to develop an understanding for the following concepts: drafting solid modeling techniques, 3D printing, laser cutting and engraving, CNC, CAM, CAD, manual machining, measurement, welding, sheet metal development and developing a project from initial concept to finished product. Prerequisite: Manufacturing Technology 1
COURSE TITLE:	Manufacturing Technology 3
Course # 16061 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CTE Pathway: Machining & Forming Technology CTE Course Level: Capstone School: Westmont	Manufacturing Technology 3 is a project based course where students will be able to specialize in the following areas: vertical milling, manual lathe work, CNC lathe and mill work and welding technologies. Solid modeling software will be utilized in the development of student designed projects. In this course, students will use state of the art tools and equipment in their education. This course is designed to prepare students for certifications with the National Institute of Metalworking Skills. (NIMS) Prerequisite: Manufacturing Technology 2

COURSE TITLE:	Production Technology 1
Course # 16070 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Product Innovation & Design CTE Course Level: Introduction School: Westmont	Students in production Technology 1 will be introduced to CTE Technical Education) skills. They will have the opportunity to design, plan, and construct projects that are based on industry standards. Emphasis will be placed in the following areas: Modern woodworking equipment, drafting, solid modeling techniques, 3D and engraving, CNC, CAM, and CAD. Students will develop safe working habits, they will be instructed on proper use and care of standard equipment and they will have the opportunity to design and build projects of their choice.
COURSE TITLE:	Production Technology 2
Course # 16080 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Product Innovation & Design CTE Course Level: Concentrator School: Westmont	Students in Production Technology 2 will be introduced to CTE Technical Education) skills. They will have the opportunity to design, plan and construct projects that are based on industry emphasis will be placed in the following areas: modern woodworking equipment, drafting, solid modeling techniques, 3D and engraving, CNC, CAM and CAD. Students will develop safe working habits; they will be instructed on proper use equipment. Through continuing investigation into production tools, materials and processes, students will learn intermediate to advanced production/manufacturing skills. Prerequisite: Production Technology 1
COURSE TITLE:	Production Technology 3
Course # 16040 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CTE Pathway: Product Innovation & Design CTE Course Level: Capstone School: Westmont	Students in Production Technology 3 will apply their CAD/CAM skills and solid modeling knowledge into advanced project design. Production Technology 3 focuses students in the advanced use of industry standard tools and equipment. Course curriculum includes print reading, advanced joint construction using CNC machines and finishing procedures. Both individual and group projects will be emphasized. Prerequisite: Production Technology 2

CTE – ARTS, MEDIA & ENTERTAINMENT

COURSE TITLE:	Digital Photography 1
Course # 17180 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE, Visual & Perf Arts CSU/UC: Visual & Perf Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Concentrator School: Boynton(not a-g),Branham, Del Mar, Westmont	The beginning digital photography course covers the concepts of traditional photography and how it translates to digital technologies. A photo editing program is used to create artful digital images. Students learn how to use computer hardware and software as tools in creating digital photographic art. The course includes the history of photography, the use of digital images in personal and commercial applications such as advertising and commercials. Students create and critique a portfolio. A materials donation may be requested.
COURSE TITLE:	Digital Photography 2
Course # 17185 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE, Visual & Perf Arts CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Visual, Design & Media CTE Course Level: Capstone School: Boynton(not a-g), Branham, Del Mar, Westmont	This advanced digital photography class will continue the skills learned from Digital Photography 1. Students will learn how to shoot in RAW (image format or digital negative) and how to create HDR (high definition resolution) images. Professional Studio lighting and photography will continue where they will create a series of still life and studio portraits building an advanced portfolio. In addition, students will continue to build upon their Photoshop skills, with each unit they will learn the cultural / historical background of the projects. The students will critique and create a portfolio of work, which will be presented at a final end of the year Art Show Retrospective. A materials donation may be requested. Prerequisite: Digital Photography

COURSE TITLE:	Digital Filmmaking 1
Course # 17211 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Visual & Perf Arts(f) (Prospect) CTE Pathway: Visual, Design & Media CTE Course Level: Concentrator School: Boynton(not a-g), Branham, Prospect, Westmont	This course provides a project-based video media program, which guides students to achieve the standards in the Arts, Media and Entertainment Pathway of career technical training by providing students with the technical instruction and practical experiences for aspiring video and filmmakers in the production of film, video and new media projects. Students experience both the creative and technical aspects of film making in conjunction with learning about historical and contemporary traditions and conventions. Students are instructed on the three stages of project creation.
COURSE TITLE:	Digital Filmmaking 2
Course # 17220 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE CSU/UC: Visual & Perf Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Capstone School: Boynton(not a-g), Branham, Prospect, Westmont	This course provides a progressive, project-based video media program that builds on the skills learned in Digital Filmmaking 1. Students work individually and as group members in the production of video and new media projects. Students experience the creative and technical elements of filmmaking in the three stages of project creation: pre-production, production, and post-production. An emphasis will be given to project management, oversight and new methods of distribution. Prerequisite: Digital Filmmaking 1 or Instructor approval
COURSE TITLE:	Digital Filmmaking 3
Course # 17225 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Visual & Per Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Advanced Capstone School: Prospect	Digital Filmmaking 3 is the capstone course for the Arts, Media, and Entertainment Pathway of Career Technical Education. Building upon what the students have learned in Digital Filmmaking 1 and 2. They will create and executively produce original films using industry standard equipment over the course of each semester. This will require advanced long-term planning, organizational, communication, technical and artistic aptitudes that will prepare them for employment in the industry and/or post-secondary education. Prerequisites: Digital Filmmaking 2 or Instructor approval

COURSE TITLE:	Digital Filmmaking 4 Honors
Course # 17226 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE CSU/UC: Visual & Perf Arts(f) CTE Pathway: Visual, Design & Media CTE Course Level: Advanced Capstone School: Prospect <i>UC/CSU Weighted</i>	Digital Filmmaking 4 is the fourth course for the Arts, Media, and Entertainment Pathway of Career Technical Education. Building upon what the students have learned in Digital Filmmaking 1, 2 and 3 they will investigate specific careers and artists in the industry as well as the philosophical underpinnings of film as an artistic and cultural product. Fourth year students additionally will work extensively on leadership skills. They will act as student advisors for the First, Second and Third year students. They will be assisting them on productions as well as utilizing them on their own productions as crew. This will require advanced leadership, long-term planning, organizational, communication, technical and artistic aptitudes that will prepare them for employment and leadership roles in the industry and/or post-secondary education. Prerequisites: Digital Filmmaking 3 or Instructor approval
COURSE TITLE:	Multimedia Production
Course # 11221 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Branham	Students will learn, interpret and create their own text and non-text media using a variety of digital platforms, while learning how to disseminate information from disinformation. The class will focus on core skills such as journalistic writing and communication, press law, and data reporting. The second semester will be devoted to creating content for a “real” audience by supplementing material for one of the advanced journalism class publications.
COURSE TITLE:	Introduction to Media Studies
Course # 17240 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE/Elective CSU/UC: Elective(g) School: Del Mar	Introduction to Media Studies focuses on developing and strengthening students' understanding of the practices and purposes of media studies. Students will write and edit 10-12 stories across multiple media platforms and styles, read and analyze non-fiction through expository writing, learn and practice the basics of design and layout, analyze, evaluate, and create images, videos, and graphics using multiple software programs.

COURSE TITLE:	Advanced Media Studies
Course # Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar	Advanced Media Studies builds upon the foundational understanding in the introduction to Media Studies course. Students will create regularly occurring online newspaper, podcast, and video broadcasting publications. Students will also explore careers in the journalism, video production and marketing industries.
CTE/PERFORMING ARTS – THEATRE	
COURSE TITLE:	Musical Theatre 1
Course # 17710 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Leigh, Westmont	This course serves as an ambitious introduction to the principles, fundamentals, skills, and historical context of musical theatre in the United States and abroad. The course is designed around and meets all of the California Content Standards for theatre, dance, and music. Major units of study focus on the historical context of musical theatre, music, and dance, artistic perception and critique, aesthetic valuing, creative expression, and connections and applications of the performing arts to career aspirations and opportunities.
COURSE TITLE:	Musical Theatre 2
Course # 17790 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Leigh, Westmont	This course enables students to participate in varied aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students will be introduced to the foundations of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Musical Theatre 1

COURSE TITLE:	Musical Theatre 3
Course # 17795 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Leigh, Westmont	This course enables students to participate and manage the varied aspects of musical theatre with special attention to vocal production, stage movement, acting, characterization, dance, and technical aspects of a musical production. Students participate in leadership and directorial positions such as choreographer, production assistant, director, and vocal director or other varied technical design and leadership positions. Students will be introduced to advanced tenants of musical theatre through the use of exercises, assignments, prepared musical selections, play/concert attendance, and written assignments. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Emphasis is on the student led creation of every aspect of a musical theatre performance. Prerequisite: Musical Theatre 2
COURSE TITLE:	Musical Theatre 4 Honors
Course # 17796 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Capstone School: Leigh, Westmont <i>UC/CSU Weighted</i>	This course builds on the skills developed in Musical Theatre 1, 2, and 3 and provides advanced instruction on job skills required in the world of Theatrical Production. Students will continue to develop skills in directing, choreography, vocal direction and theatrical design. They will also be responsible for obtaining a professional internship in theatre arts with a local theatre company (the instructor will assist students using district connections and resources). They will keep a weekly journal detailing their learning experiences and a resource binder showing the job skills they have acquired. Students will also take a business or logistic leadership role (director, producer, stage manager) for at least one public performance assignment. Students will also take a leadership role outside of class activities (such as an open audition play or performance events). Students develop multiple organizational and non-artistic skills such as schedule planning, interpersonal problem solving, peer direction and leadership, and working collaboratively with others (both students and teachers). Students round out their education by spending a minimum of 10 hours working on large scale productions in the area of patron services and technical theatre. Prerequisite: Musical Theatre 3

COURSE TITLE:	Commercial Music Production- Level 1
Course # 17640 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Del Mar	Students will learn how to use digital audio workstations, appropriate software and complete a wide range of projects including voice-over, original composition, multi-track recording in live and pre-recorded formats, as well as create a portfolio of products that would be appropriate for job or college applications. Pre-Requisites: 1 year of a Band, Choir, or Guitar or teacher approval
COURSE TITLE:	Theatre 1 – Beginning
Course # 17750 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Del Mar, Leigh, Prospect, Westmont	This course introduces and provides experience in all aspects of theatre arts. Students study basic principles of acting, including character analysis, textual interpretation, voice, movement, collaboration, improvisation, and critical analysis of performance. Additionally, students gain a working knowledge of theatre history and the multiple forms of theatrical performance, as well as the technical aspects of theatre and theatrical design. Special emphasis is placed on theatrical vocabulary and codes of conduct, as well as the creation, production, and direction of monologues and scenes.
COURSE TITLE:	Theatre 2 – Production and Performance
Course # 17780 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Del Mar, Leigh, Prospect, Westmont	This course focuses on styles of acting and performance and theatrical production. Class work focuses on scene study (including research, direction, stage management, character analysis, setting analysis, and design) and monologues from various theatrical eras and genres. Prerequisite: Theatre 1

COURSE TITLE:	Theatre 3 – Directing for Stage
Course # 17740 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f), Elective(g) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Del Mar, Leigh, Prospect, Westmont	This course is an extension of the Theatre Arts program, focusing on directing for the stage. Students engage in collaborative projects with acting students during which they develop the critical leadership skills needed to succeed in the professional world. Focus is conceiving and then creating a total concept, peer coaching, and critical analysis of theatrical works. Prerequisite: Theatre 2
COURSE TITLE:	Theatre 4 Honors
Course # 17770 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) CTE Pathway: Performing Arts CTE Course Level: Concentrator School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	This advanced level course focuses on the leadership and producing components of Theatre Arts. Students develop a clear understanding of all the components of the production process while gaining the critical career skills of collaboration, organization, and peer leadership. Students learn the business of theatre while deepening their skills as an actor and director. Prerequisite: Theatre 3
COURSE TITLE:	Technical Theatre 1 – Theatre Design
Course # 17680 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) CTE Pathway: Performing Arts CTE Course Level: Introduction School: Branham, Del Mar , Leigh, Prospect, Westmont	This course develops knowledge of and experience in all the technical (nonperformance) aspects of theatrical production. Special emphasis is placed on the elements of theatrical design (scenery, lighting, properties, sound, costumes, and hair and make-up), design analysis, stage management, and production management. Additionally, students gain hands-on experience in all aspects of technical theatre. Students design or crew on two productions.

COURSE TITLE:	Technical Theatre 2 – Stage Design
Course # 17690 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) CTE Pathway: Production & Managerial Arts CTE Course Level: Concentrator School: Branham, Leigh, Prospect, Westmont	Technical Theatre 2 continues to refine those concepts and skills outlined in Technical Theatre 1. The course broadens the focus of design to include lighting and costumes and expands the student's understanding of the inter-relatedness of the various design aspects. The topics covered include research techniques and tools, play analysis for visual interpretation, graphic techniques of expression including sketching, drafting, rendering, and model building. Students are directly involved in the technical aspects of the productions as they design and construct sets, costumes, and makeup, hang lights, create special effects; paint; and build props for the productions. Students learn specialized vocabulary and explore set design, lighting design, and costume design. Students reflect on design elements found in school and outside productions with design analysis and critiques. In the second semester, students explore mood, color, application and perspective. Problem solving, leadership, and working well under pressure are stressed as the students are exposed to the history of theatrical design and current trends in technical theatre. Prerequisite: Technical Theatre 1
COURSE TITLE:	Technical Theatre 3 – Production Staff
Course # 17700 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) CTE Pathway: Production & Managerial Arts CTE Course Level: Concentrator School: Branham, Leigh, Prospect, Westmont	Technical Theatre 3 focuses on the production staff aspects of putting on a show. Such positions include: stage manager, technical director, as well as set, costume, prop and lighting designers. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Technical Theatre 2

COURSE TITLE:	Technical Theatre 4 Honors – Theatre Leadership
Course # 17610 Course Term: Yearlong Grade Level: 12 Graduation Credit: Visual & Perf Arts, CTE, Elective CSU/UC: Visual & Perf Arts(f) <i>(Leigh, Prospect, & Westmont only)</i> CTE Pathway: Production & Managerial Arts CTE Course Level: Capstone School: Branham, Leigh, Prospect, Westmont <i>UC/CSU Weighted</i>	Technical Theatre 4 Honors deepens the focus on the production staff aspects of putting on a show. Such positions include: stage manager, technical director, as well as set, costume, prop and lighting designers. Students also must produce a production. Technical Theatre 4 Honors requires the student to investigate, arrange, and complete an internship with a professional theatre company. As outlined in the California Department of Education State Standards, this class may require students to participate in extra rehearsals and performances beyond the school day. Prerequisite: Technical Theatre 3
COURSE TITLE:	Theatre Production 1A, 1B, 2A, 2B, 3A, 3B
Course # 91201 Course Term: Semester Grade Level: 10-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) CTE Pathway: CTE Course Level: School: Branham, Del Mar, Westmont	This semester-long, repeatable, performance-oriented course is designed for students who are interested in continuing their study in all levels of theater arts, and applies skills introduced in entry-level Theatre courses, such as acting, characterization, scene study, directing, and an introduction to technical theater. Students will work together as a production team on a theater piece with the culminating event of the course being a play produced on the main stage for a captive audience. Through the course of rehearsals, students will develop and broaden their acting techniques, as well as their knowledge of different acting styles. Emphasis in the course will be placed on the total collaborative effort of the students as a production team, as well as all aspects of production including: character development, script analysis, production and business management, and theater history research and a post production analysis. Students also learn to prepare for college and professional acting auditions during the course of the semester.

CTE – BUSINESS/FINANCE

COURSE TITLE:	Digital Tools for Business
Course # 15120 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Financial Services CTE Course Level: Introduction School: Prospect	This Course is the introduction option for students to begin exploring the Financial Services CTE pathway. Students will investigate the field of financial management, including how it is impacted by industry standards.
COURSE TITLE:	Business Accounting and Personal Finance 1
Course # 15060 Course Term: Yearlong Grade Level: 10-12 Graduation Credit: CTE, Elective CSU/UC: Elective(g) CTE Pathway: Financial Services CTE Course Level: Concentrator School: Leigh, Prospect	This is an intermediate level course designed to give students an overview of the principles of accounting and the systems used to implement the principles and implement an accounting cycle. This course is for those students that wish to pursue a postsecondary opportunity, or learn more about the Business and Financial Services career industry.
COURSE TITLE:	Business Accounting and Personal Finance 2
Course # 15065 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Financial Services CTE Course Level: Capstone School: Prospect	The course will provide an in-depth overview of the principles and procedures of the accounting function in a merchandise business organized as a corporation. Students will master the fundamental concepts of accounting as an essential financial aspect of every business organization. The complete accounting cycle is presented, and students learn how to acquire capital for growth and development, analyze and journalize financial transactions, create and analyze business financial reports, and calculate depreciation for plant assets. In addition, students will be able to analyze and interpret financial reports to make informed business decisions based on data. Prerequisite: Successful Completion of Business Accounting and Personal Finance 1

CTE - MARKETING, SALES & SERVICES

COURSE TITLE:	Introduction to Business Marketing
Course # 15200 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Marketing CTE Course Level: Introduction School: Leigh, Branham	Introduction to Business Marketing provides an overview of business and technology skills required for current real-world business situations. This one-year course introduces students to the essentials for working in a business environment, managing a business, and owning a business. Employability skills are integrated into activities, tasks, and projects throughout the course. Various forms of technologies will be highlighted to expose students to the emerging technologies affecting the business world. Professional communications skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready.
COURSE TITLE:	Principles of Marketing and Entrepreneurship
Course # 16091 Course Term: Yearlong Grade Level: 10-11 Graduation Credit: Elective CSU/UC: Elective(g) CTE Pathway: Marketing CTE Course Level: Concentrator School: Leigh	Principles of Marketing and Entrepreneurship is an intermediate course that further details marketing functions including promotion, pricing, marketing research, product planning and management, entrepreneurship, finance, and the use of technology in marketing. The course will focus on innovation, working in teams, prototyping, pitching, vision, leadership and networking. Marketing and entrepreneurship principles are embedded with an instructional emphasis on developing reading, writing, speaking and critical thinking skills as they relate to the business-marketing model. Prerequisite: Introduction to Business Marketing is recommended but not required.

CTE - ENGINEERING & TECH

COURSE TITLE:	Project Lead The Way: Introduction to Engineering Design
Course # 15965 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Engineering & Tech CTE Course Level: Introduction School: Leigh, Prospect, Westmont	Designed for students interested in pursuing an Engineering Career. IED is recommended as the first course for the PLTW Engineering program. The major focus of IED is the design process and its application. Students use industry standard 3D modeling software, AutoDesk Inventor, to help design solutions to solve problems, document their work using an engineer's notebook, and communicate their solutions orally and in writing. Students are also exposed to research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

COURSE TITLE:	Project Lead The Way: Introduction To Design
Course # 15800 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Visual & Perf Arts, CTE CSU/UC: Visual & Perf Arts(f) School: Leigh	Designed for students interested in pursuing an Engineering Career. Introduction to Design (ID) is recommended as the first course for the PLTW Engineering program. The major focus of ID is the design process and its application. Students use industry standard 3D modeling software, AutoDesk Fusion360, to help design solutions to solve problems, document their work using an engineer's notebook, and communicate their solutions orally, graphically, and inwriting. Students are also exposed to visual art terminology, and techniques, general research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.
COURSE TITLE:	Principles of Engineering
Course # 15980 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Engineering & Tech CTE Course Level: Concentrator School: Branham, Leigh, Westmont	This course of engineering exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various mechanical challenges. They document their work and communicate their solutions. Prerequisite: Introduction to Engineering Design (IED)and Engineering Essentials is recommended but not required.
COURSE TITLE:	Engineering Essentials
Course # 15993 Course Term: Yearlong Grade Level: 9-10 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Engineering Design CTE Course Level: Introductory School: Branham	Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences and solve engaging and challenging real-world problems. By inspiring and empowering students with an understanding of engineering and career opportunities, Engineering Essentials broadens participation in engineering education and the engineering profession.

COURSE TITLE:	Digital Electronics
Course # 15985 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Engineering & Tech CTE Course Level: Concentrator School: Branham, Leigh, Westmont	Digital Electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where a continuously varying voltage represents information, two discrete voltages or logic levels represent digital signals. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high definition television. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Prerequisite: Introduction to Engineering Design (IED) is recommended but not required.
COURSE TITLE:	Engineering Design and Development
Course # 15990 Course Term: Yearlong Grade Level: 12 Graduation Credit: CTE CSU/UC: Elective(g) CTE Pathway: Engineering & Tech CTE Course Level: Capstone School: Branham, Leigh, Westmont	This capstone course allows students to design a solution to a technical problem of their choosing. They have the chance to design solutions to problems in our world. This is an engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead the Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable skill set for students in the future. Prerequisite: Introduction to Engineering Design (IED) is recommended but not required.

COURSE TITLE:	Computer Science Principles
Course # 15995 Course Term: Yearlong Grade Level: 9-11 Graduation Credit: CTE, Elective CSU/UC: Elective(g) CTE Pathway: Engineering & Tech CTE Course Level: Introductory School: Branham, Leigh, Westmont	Computer Science Principles (CSP) is a PLTW course to implement the College Board’s new AP CS Principle framework. Students work in teams to develop computational thinking and solve problems. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students’ awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths. The course also aims to engage students to consider issues raised by the present and future societal impact of computing. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Problems aim for ground-level entry with no ceiling so that all students can successfully engage the problems. Students with greater motivation, ability, or background knowledge will be challenged to work further.

SVCTE COURSE SELECTIONS

Silicon Valley Career Technical Education Center is the Regional Occupational Center providing career- technical education for **Juniors** and **Seniors**. Students can choose from approximately 30 career programs and attend SVCTE every day. Students have a choice of attending 3 hours in the AM (7:30-10:30) earning 30 credits for the year or 3 hours in the PM (12:45-3:45) earning 30 credits for the year. SVCTE is located at 760 Hillsdale Avenue, and transportation is provided. Students interested in this program should contact their counselor. For general information, call SVCTE at (408) 723-6400 website <https://www.metroed.net/SVCTE>

Course # 16550 Credit: VAPA UC: "f" VAPA	Animation Acquire skills in basic figure drawing, cell animation, 2D and 3D computer animation. Develop an understanding of script writing, storyboarding, and sound design.
Course # 16445 Credit: CTE UC: N/A	Automotive Collision Repair & Refinishing Use restoration techniques to prepare the surface of vehicle parts for finishing spray painting and detailing work. Learn in a professional shop environment. The class focuses on academic, technical skills, and employability practices. Students will develop personal and professional skills in the classroom that will transfer to the workplace.
Course # 16210 Credit: CTE UC: N/A	Automotive Services Covers the eight following areas in basic and advanced skills in: automotive brakes and alignment, electrical & electronic systems, automatic and manual transmission repair, engine repair, engine performance, heating, ventilation and air conditioning, and suspension and steering.
Course #16320 Credit: Math UC: "c" Math I	Construction Technology Design, estimate, and construct buildings with carpentry tools and equipment using industry standards. Receive OSHA safety training: building houses from foundation to roof.
Course ID#: 16425 Credit: CTE UC: N/A	Mental Health Careers Students learn and model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.
Course #16380 Credit: CTE UC: N/A	Culinary Arts Students train in our well-equipped kitchen to prepare stocks, cuts of meat, poultry and seafood utilizing a variety of cooking methods. Work in various kitchen positions and restaurant settings while preparing for your career and future college education.
Course # 16820 Credit: Elective UC: "g" Elective - College Preparatory	Cybersecurity Train for technical challenges in a networked computer system and learn methods to protect vital data in private and public industries. Prepare secure communications and identify risks for networks and devices. Cybersecurity professionals work in industries such as: financial services,

	law firms, health care facilities, government agencies, military service, law enforcement, and private security agencies.
Course #16400 Credit: CTE UC: "g" Lab Sci – Integrated	Dental Assisting Acquire chair-side assisting skills, laboratory and X- ray procedures, with radiation and clinical experience. Make impressions and models. This course offers opportunities for Dental internships.
Course #16350 Credit: Math UC: "c" Math I	Electrical Maintenance Learn electrical installations, troubleshooting and repair in the electrical maintenance field. Successful students are qualified to receive the California Electrical Training Card.
Course #16215 Credit: Elective UC: "d" Science- Physics, "g" Elective - College Preparatory	Electrical Vehicles/Automotive Services Learn about passenger cars, electrical circuit board trainers, various types of EV transportation, and use of specific industry tools. This NATEF accredited course is designed to prepare students for entry-level employment in the automotive repair field with an emphasis in electrical troubleshooting and exploring electric vehicle technologies.
Course #16370 Credit: VAPA UC: "f" VAPA	Fashion Design and Textile Art This program will provide you with the opportunity to learn entry level skills in the clothing and fashion field. Style, line, color and design principles will set the tone for creating garments. Students will apply art elements and principles of fine art and design to their work.
Course # 16630 Credit: VAPA UC: "f" VAPA	Film and Video Production Learn to write for television and film, storyboarding, directing, and sound design engineering. Produce videos for business and entertainment from script writing to final edit.
Course #16360 Credit: Chemistry UC: "d" Chemistry	Fire Science/First Responder Students will be introduced to Fire Department and Emergency Services related fields and techniques used to perform the job. The class focuses are academics, technical skills, and employability practices.
Course #16250 Credit: CTE UC: "d" Interdisciplinary Sci	Forensic Science Develop the knowledge and training related to forensics while exploring the procedures to solve crimes. Topics include investigating crime scenes and laboratory safety rules and regulations.
Course # 16430 Credit: Math UC: "c" Math I	Heating, Ventilation, and Air Conditioning Learn maintenance, overhaul, repair, and adjustment of residential and commercial heating, air conditioning, and refrigeration units.
Course #16240 Credit: CTE UC: "g" Elective	Law Enforcement Prepare for a career in public and private investigative fields. Understand the criminal justice system, investigate crimes, and improve decision- making skills.
Course # 16590 Credit: Physics UC: "d" Physics	Mechatronics Engineering The combinations of electrical and mechanical engineering where students design, build, and program robotic mechanisms. Students will apply C++ and Python coding to direct microcontroller parts.

Course # 16420 Credit: CTE UC: "g" Elective - Biology/Life Sciences	Medical Assisting Learn back office medical procedures. Topics include medical terminology, anatomy and physiology, lab procedures. Clinical training in hospitals, clinics, and doctors' offices is available.
Course # 16410 Credit: Biology UC: "d" Interdisciplinary Sciences "g" Elective - Biology/Life Sciences	Medical Science/Health Careers This course prepares students who aspire to become nurses & doctors for a career in the medical field. This course focuses on human biology and disease, college preparation, practicing hands-on patient care, medical terms, leadership and teamwork, with hospital internships in emergency, surgery, physical therapy, radiology, pediatrics and more.
Course # 16520 Credit: Math UC: "c" Geometry "g" Elective – Interdisciplinary	Metals Technology Learn welding theory and safety with hands-on experience in operation of welding equipment. Welding is used in auto repair, building construction, ornamental ironwork and many machinery jobs.
Course # 16640 Credit: CTE UC: "g" Elective - General	Mobile Apps and Web Development Learn multimedia design, web development for Internet technology and programming for mobile platforms and devices. Learn the process of designing, coding and deploying mobile applications for use in ecommerce, productivity, enterprise and web purposes.
Course #16275 Credit: Bio UC: "d" Lab Sci - Biology "g" Elective- Interdisciplinary	Nursing Careers Understand theoretical concepts and real-world applications of the abilities required to work as a Certified Nursing Assistant. This course prepares students to work in hospitals, skilled nursing facilities (SNF), hospice, assisted living facilities and other related health settings. In addition to employability and professionalism, this course will include: medical terminology, medical/surgical asepsis, health and disease, anatomy and physiology, assessment and diagnosis, patient care skills and procedures, CPR certification, rehabilitative nursing, long term care and resident care, Phlebotomy, ECG and medication administration.
Course # 16830 Credit: CTE UC: "g" Elective – Interdisciplinary	Pharmacy Technician This course prepares students with the knowledge and skills required for employment as a pharmacy technician. It focuses on academics, technical skills and employability practices in the pharmacy profession. This class also prepares students to pursue a future career as a Pharmacy Technician.
Course ID#: TBD Credit: CTE UC: N/A	Public Safety Careers Students enrolled in the Public Safety Careers program will have the opportunity to explore several careers involved in public safety, such as: law enforcement, security, corrections, emergency medical technician (EMT), and firefighting careers. Many hands-on learning experiences will provide students the opportunity to learn about evidence gathering, fingerprinting, fire control, emergency response techniques and much more.

Course # 16650 Credit: Biology UC: "d" Lab Sci – Biology/ Life Sciences	Sports Medicine and Kinesiology Acquire skills related to basic anatomy and physiology, nutrition, fitness and exercise, taping procedures, vital signs, training room/office management, injury treatment and training, patient care, safety and ethics, and bio-metrics of movement. This class also prepares students to pursue a future career as a Pharmacy Technician.
Course ID#: 16310 Credit: CTE UC: "d" Lab Sci - Physics	Clean Diesel Technology This course is designed to prepare students for entry-level employment in the light to heavy transportation field. Students learn skills through a variety of exercises utilizing light-duty transportation vehicles as their focus. This course prepares students for the changes in transportation industry standards in California, including Zero-Emissions Technology. The activities emphasize theory of operation, hands-on exercises, critical thinking, independent work, as well as general service and repair.
Course # 16810 Credit: CTE UC: "d" Interdisciplinary	Veterinary Science Learn anatomy and physiology, as well as animal health and disease, animal behavior, and client communication to prepare for employment in Veterinary careers.

NON-DEPARTMENTAL COURSES

COURSE TITLE:	Theory of Knowledge (TOK)
Course # 11151 (Year 1) 11152 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	Theory of Knowledge (TOK) is a two-year course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze prescribed titles by the IB for each examination session. The teacher internally assesses the presentation, done individually or in a group. *Priority registration will go to IB Diploma Programme candidates
COURSE TITLE:	Graphic Publication (Yearbook)
Course # 17760 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Special Program, College-Prep Elective CSU/UC: Elective(g) School: Branham(9-12), Del Mar, Leigh, Prospect, Westmont	This course is designed to develop students' publishing skills. The main objective of the class is to produce a record of the school year by using photographs, graphic artwork and a copy as means of creative communication. Students master a desktop publishing software program, Adobe InDesign. This class is responsible for producing the high school yearbook.
COURSE TITLE:	AVID – Advancement Via Individual Determination
Course # 18900 (AVID 1) 18910 (AVID 2) 18920 (AVID 3) 18930 (AVID Seminar) Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Special Program, College-Prep Elective CSU/UC: Elective(g) School: Del Mar, Leigh, Prospect, Westmont <i>*This course will meet VAPA/CTE/SP requirements for graduation</i>	AVID is a support program for students bound for four- year universities. AVID students must be self-directed and motivated. Students are expected to stay enrolled in college preparatory courses and maintain at least a 2.0 GPA throughout high school. Although students may be recruited from the ninth and tenth grade, students typically enter AVID as freshmen and stay with the program through their senior year. The classroom teacher instructs students using AVID curriculum, focusing on writing, inquiry, and collaboration. Seminars are given in note taking, goal setting, team building, reading improvement, test taking skills, study and time management skills, personal organization, and SAT/ACT preparation. Students also receive tutorial support in the AVID class, which helps students achieve in all their academic courses and prepares them for college work. In addition, students have the opportunity to visit neighboring universities, hear college and career speakers, and participate in artistic and cultural experiences. Prerequisite: Application and Interview

COURSE TITLE:	AVID Peer Tutoring
Course # 18945 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective School: Del Mar, Leigh, Prospect, Westmont	This course requires the student to be a role model, academic tutor, and life coach to multiple grades and classes. Students will receive instruction in: 1. Professionalism 2. Training and coaching including feedback on tutors, binders, etc. 3. Students will be expected to facilitate large sustained group discussion, one-on-one coaching, checking points of confusion, note taking, and anchor grading. 4. Tutors will be expected to participate in 16 hours of training and multiple follow up meetings.
COURSE TITLE:	Leadership
Course # 12930 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Special Program, College-Prep Elective CSU/UC: Elective(g) School: Branham, Del Mar, Leigh, Prospect, Westmont <i>*This course will meet VAPA/CTE/SP requirements for graduation</i>	The leadership class is designed to facilitate the Student Government program. The class is intended to provide time for Associated Student Body (ASB) members to accomplish their goals and duties as representatives of the student body. Students develop their leadership skills in long and short-term goal setting, time management/organization, communication, leadership, school and community service, interpersonal relations, problem-solving, team building, and evaluation and reflection.
COURSE TITLE:	Student Leadership: Student Board Members
Course # 12931 Course Term: Yearlong Grade Level: 9-12 Graduation Credit: Elective School: Branham, Del Mar, Leigh, Prospect, Westmont	This Student Leadership class is intended to provide the Student Board Representatives of the CUHSD Board of Trustees to accomplish their goals and duties as representatives of the CUHSD student body. Students develop their skills in short term and long term goal setting, time management/organization, communication, leadership, school and community services, interpersonal relations, problem-solving, team building, district policy development and evaluation and reflection.

COURSE TITLE:	Peer Tutor
Course # 18940 Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Elective School: Branham, Del Mar, Prospect, Westmont	This course will provide an opportunity for advanced students to work as peer tutors in a variety of courses where extra assistance may be needed for individual or group of students. Peer Tutors will learn leadership and teaching skills and be able to provide academic assistance to peers. Peer Tutors will be encouraged to think critically and offer constructive feedback to the teacher and peers. Recommendation by teacher and/or administration.
COURSE TITLE:	Student Assistant
Course # 19100 Course Term: Semester Grade Level: 10-12 Graduation Credit: Elective School: Branham, Del Mar, Leigh, Prospect, Westmont	The student assistant program offers a variety of work-based activities to reliable and mature students. The student may serve in the following positions: classroom aide, laboratory assistant, library and office clerk. The course is 2.5 units, and students are given a pass/fail grade only. <i>Parent Approval Required</i>

INTERNATIONAL BACCALAUREATE PROGRAMME

What is IB?

The International Baccalaureate Programme was created in 1968 in response to the educational needs of geographically mobile students. Today IB is a worldwide, comprehensive college preparatory program that has earned a reputation for high quality curriculum and rigorous assessment that give IB diploma holders access to the world's leading universities.

The mission of the IB programme is to “develop inquiring knowledgeable and caring young people who help create a better and more peaceful world through intercultural understanding and respect” (www.ibo.org). The IB programme offers courses within six academic subjects. An IB diploma candidate must select one course from each of the six groups* and study three at the higher level (HL) and three at the standard level (SL). Additionally, diploma candidates must complete the three core components of the IB program: the Theory of Knowledge class; the Extended Essay; and the CAS (Creativity, Activity, and Service) project. The goal for an IB diploma candidate is to pass all 6 exams with a total minimum score of 24 with no failing conditions and successfully complete the three core components of the IB program. Students not wishing to earn the full IB diploma may select IB courses from those subjects of particular interest. As required by the IB Organization, all HL classes are two-year courses. The IB Mathematics SL and IB Math Studies SL courses are also two-year courses. All other IB SL courses at Del Mar High School are one-year courses.

Who is eligible for IB?

All Del Mar High School juniors and seniors are eligible and encouraged to enroll in IB courses. There is no application required to be a part of the IB programme at Del Mar. Some IB classes do require prerequisite courses. For example, students must have successfully completed Integrated Math 3 before they are eligible to enroll in IB Mathematics SL. Students and their families will need to speak with the IB Coordinator and/or their counselor regarding specific questions about prerequisites for specific IB courses and pathways toward earning an IB Diploma.

Why IB?

The IB programme offers a rigorous and high quality education to all of its students. The types of research, writing, thinking and communication of ideas that IB courses require reflect college level expectations. IB not only helps students get into college, but also more importantly, prepares students to be successful in college once they are there. Recent research provides evidence that DP graduates pursue and successfully complete postsecondary studies in higher proportions than other high school graduates (Shah, Dean and Chen 2010; HESA 2011; Caspary 2011; Edwards and Underwood 2012; Coca et al 2012).

* University Credits

Depending on the IB score earned and individual college policy, IB scores may lead to earning college credits prior to entering the institution and/or advanced course placement, allowing students to skip a lower division course requirement. For example, the UC awards students who complete the IB diploma with a score of 30 or above with 30 quarter (20 semester) units toward their UC degree. Students who receive IB certificates with scores of 5, 6 or 7 on Higher Level exams may receive 8-quarter (5.3 semester) units at some universities. *Please visit individual university websites for their IB credit/ advanced course placement policy.

IB COURSE LIST - Offered at Del Mar High School

Group 1: Language A IB Language and Literature HL – 2 years	Group 4: Experimental Sciences IB Biology HL – 2 years
Group 2: Language B IB Spanish SL – 1 year IB Spanish HL – 2 year IB French SL – 1 year	Group 5 Mathematics and Computer Science IB Math: Applications & Interpretation HL – Year 1 & 2 IB Math: Analysis & Approaches HL Year 1 & 2 IB Mathematics HL – 2 years
Group 3: Individuals and Societies IB History of the Americas HL – 2 years IB Psychology SL – 1 year	Group 6: The Arts IB Music SL – 1 year IB Art SL – 1 year IB Art HL – 2 years

Diploma Programme Core:
IB Theory of Knowledge – 2 years

COURSE TITLE:	IB Language and Literature HL
Course # 11142 (Year 1) 11143 (Year 2) Course Term: Two Year Grade Level: 11 & 12 Graduation Credit: English CSU/UC: English(b) School: Del Mar <i>UC/CSU Weighted</i>	The International Baccalaureate Language A: English Language and Literature HL course is a two-year course consisting of four parts: Language in Cultural Context, Language and Mass Communication, Literature: Texts and Context, and Literature: A Critical Study. Students will study and analyze a variety of texts from historical speeches and contemporary mass media with an international focus, such as George Orwell's 1984 (<u>English</u>), Albert Camus' <u>The Stranger</u> in translation (French- Algerian), Margaret Atwood's <u>The Handmaid's Tale</u> (Canadian) Achebe's <u>Things Fall Apart</u> (Nigerian). The course will prepare students for the oral and written IB exams and serve as excellent preparation for rigorous college study. Students who take IB Language and Literature HL and pass the exam with a score of 5 or higher (on a 7-point scale) can earn college credits at UC, CSU, and many private colleges and Universities. Prerequisite: English 9 and 10; Students must demonstrate proficiency in English 10 or ICAP English 10.
COURSE TITLE:	IB Math: Applications & Interpretation HL Year 1
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures. Prerequisites: IM3 Honors or equivalent

COURSE TITLE:	IB Math: Applications & Interpretation HL Year 2
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures. Prerequisites: IB Math Applications & Interpretation HL Year 1
COURSE TITLE:	IB Math: Analysis & Approaches HL Year 1
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Prerequisites: IM3 Honors or equivalent
COURSE TITLE:	IB Math: Analysis & Approaches HL Year 2
Course # Course Term: Yearlong Grade Level: 11-12 Graduation Credit: Mathematics School: Del Mar	This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Prerequisites: IB Math Analysis & Approaches HL Year 1

COURSE TITLE:	IB Spanish SL
Course # 14673 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: World Language; Elective CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The purpose of this one-year course is to foster the language acquisition necessary for students to become proficient in the target language by improving in four language skills: listening, speaking, reading and writing. Students will be able to use the language effectively and respond spontaneously according to the cultural context of a situation. They will also be able to analyze and respond critically in the target language to the topics developed in class. Students will also develop an objective appreciation of the different views of people from other cultures and their cultural legacy. The course will help students become citizens of the world. This course is generally recommended for non-native speakers. Prerequisite: Students must demonstrate proficiency through the equivalent of Spanish 3
COURSE TITLE:	IB Spanish HL
Course # 14671 (Year 1) 14672 (Year 2) Course Term: 2 Years Grade Level: 11 & 12 Graduation Credit: World Language, Elective CSU/UC: Language other than English (LOTE)(e) School: Del Mar	The objective of this advanced two-year course is to master the receptive, productive and interactive skills through the use of daily interaction and authentic texts in Spanish. Students will develop the skills necessary to analyze and synthesize a variety of written texts as well as audios and communicate their ideas in Spanish through discussion and in writing based on the text types learned in class. Conversational skills are practiced daily while discussing assigned readings, current events, and in general classroom interactions. This course is designed to develop English-Spanish bilingualism and to prepare students for success on the IB Spanish HL Language B examination and is conducted entirely in Spanish. An extensive study of different text types (e.g. blogs, brochures, formal and informal letter writing, etc.) is also included. It is assumed that students have previously been exposed to advanced language structures in the courses leading up to the IB HL Spanish Language course; however, review of the mechanics is done within the contextual framework of each unit as needed. This course is generally recommended for native or heritage speakers. Prerequisite: Students must demonstrate proficiency through the equivalent of Spanish 3 or Spanish for Spanish Speakers 2.

COURSE TITLE:	IB French SL
Course # 14531 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: World Language; Elective CSU/UC: Language other than English (LOTE)(e), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	IB French Standard Level is a yearlong course that emphasizes advanced communication in all areas of the language through debates, discussions, essays, and authentic texts and situations. Emphasis is placed on internationalism, global issues, and cross-cultural connections. Student's language skills will be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. Prerequisite: Students must demonstrate proficiency through the equivalent of French 3.
COURSE TITLE:	IB History of the Americas HL
Course # 12012 (Year 1) 12013 (Year 2) Course Term: 2 Year Grade Level: 11(Year 1) & 12(Year 2) Graduation Credit: Hist/Social Science CSU/UC: History(a), Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The IB History of the Americas HL course is a two-year course that aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. The first year of the course will focus on the causes, course, and effects of six distinct periods and events prior to the 20th century in the Americas. This means that in addition to US history, the events and periods studied will also include the experiences and histories of Canada, Mexico, Central America, the Caribbean and South America. The second year of the course will focus on three 20th century topics—Causes, practices, and effects of War, The Great Depression, The Cold War, and Civil Rights Movements—Post 1945. These topics will be explored from a variety of perspectives from the Western Hemisphere, as well as from two additional regions of the world (Africa, Asia, Europe, or the Middle East).
COURSE TITLE:	IB Psychology SL
Course # 12382 Course Term: Yearlong Grade Level: 11 or 12 Graduation Credit: Elective CSU/UC: College -Prep Elective(g) School: Del Mar	IB Psychology SL is a one-year course that asks the fundamental questions of “Why do people behave the way that they do in certain situations?” and “How can people change their behaviors?” The course emphasizes historically significant research and research methodology. Students are expected to develop their critical thinking and research skills throughout the course. Each student will be required to complete an Internal Assessment. The Internal Assessment includes researching background information, planning, and conducting a research experiment.

COURSE TITLE:	IB Biology HL
Course # 13551 (Year 1) 13552 (Year 2) Course Term: Two Years Grade Level: 11 & 12 Graduation Credit: Science, Elective (Year 2) CSU/UC: Lab Science(d), College-Prep Elective(g) School: Del Mar	IB Biology HL is a two-year course that is designed to be the equivalent of a two-semester college introductory biology course. The goals of IB Biology HL are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Students will learn about biology in an internationally relevant context. Through hands-on experiences, students will develop the skills of a scientist. A student's IB score for this course is based on three external assessments and one internal assessment. The external assessments are written exams comprising multiple-choice and free-response questions; these tests are taken at the end of the second year. The internal assessment requires each student to design their own experiment related to biology concepts and report their results and conclusions in a report similar to a paper published in a scientific journal. Prerequisite: Proficiency in Chemistry
COURSE TITLE:	IB Environmental Systems and Society
Course # 13745 Course Term: Yearlong; offered every other year during even-numbered years (e.g. 2024-2025; 2026-2027; etc.) Grade Levels: 11 or 12 Graduation Credit: Elective CSU/UC: Lab Science(d), College-Prep Elective(g) School: Del Mar	This one-year course gives students an understanding of the relationship between the environment and society. The goal of the course is to allow students to learn about the wide range of environmental issues affecting Earth. This course will explore the scientific, ethical and political aspects of environmental issues. The course covers concepts such as human population and Earth's resources, Earth's carrying capacity (how much life can Earth support), conservation of wildlife and natural ecosystems, pollution management, climate change, environmental values and cultures, and sustainability. This course is both lab-based and field-based, students will collect data inside and outside to make informed decisions to propose solutions to problems related to the environment. This class can not be taken in lieu of any science course in the 3-course pathway to fulfill CUHSD's science requirement. Prerequisite: Successful completion of The Living Earth, Chemistry in the Earth System, and Physics of the Universe, or concurrent enrollment in the third course of the three-year series.

COURSE TITLE:	IB Art SL
Course # 17041 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: Visual & Perf Arts; Elective CSU/UC: Visual & Perf Arts(f); College-Prep Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The IB Visual Arts SL course is a one-year class that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. The students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 10-15 screens. They will also explore 2 different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 9-18 screens. Four to seven works that demonstrate a thematic concentration will be displayed through their own curative practices. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. Prerequisite: One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) It is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.
COURSE TITLE:	IB Art HL
Course # 17042 (Year 1) 17043 (Year 2) Course Term: Two Year Grade Level: 11 & 12 Graduation Credit: Visual & Perf Arts; Elective CSU/UC: Visual & Perf Arts(f); College-Prep Elective(g) School: Del Mar <i>UC/CSU Weighted</i>	The IB Visual Arts HL course is a two-year course that challenges a student's cultural awareness, analytical problem-solving, creative thinking and application, while expanding and building upon their technical skills. Students will be exploring and comparing different artists from various cultural backgrounds and time periods through comparative studies creating 13-20 screens. They will also explore three different media and various practices experimenting, creating and reflecting upon their work through a process portfolio creating 13-25 screens. Eight to eleven works that demonstrate a thematic concentration will be displayed through their own curative practices which will require them to be selective through self-reflection, well written curatorial rationales, and awareness to how viewers will engage with their themed work. The course is designed to help foster a foundation for further studies at the college level or for those seeking lifelong enrichment through visual arts. Prerequisite: One year of any visual art class (Art 1, 3D 1 or Digital Photo 1) is recommended that students enroll in an art class the year prior to enrolling in an IB Art class.

COURSE TITLE:	IB Music SL
Course # 17601 Course Term: Yearlong Grade Levels: 11 or 12 Graduation Credit: Visual & Perf Arts; Elective CSU/UC: Visual & Perf Arts (f); College-Prep Elective(g) School: Del Mar	The one-year IB Music SL course will be embedded in the existing Symphonic Band and Concert Choir courses as part of the overall curriculum. In addition to the existing course of study, the IB students will be analyzing and creating written responses based on the medium, melody, harmony, meter, form, style and context of a wide variety of music from western and non-western cultures and genres. Students will also be prepared to analyze and respond to directed questions on the exam related to at least one major work over a two-year period. Lastly, the students will hone their listening and critical thinking skills by listening and creating written responses to examples of music from a wide variety of cultures and genres. Prerequisite: Students must demonstrate proficiency in Choir, Guitar, or Band.
COURSE TITLE:	Theory of Knowledge (TOK)
Course # 11151 (Year 1) 11151 (Year 2) Course Term: 2 Year Grade Level: 11 & 12 Graduation Credit: Elective CSU/UC: Elective(g) School: Del Mar	Theory of Knowledge (TOK) is a two-year course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. There are two assessment tasks in the TOK course: an essay, and a presentation. The essay is externally assessed by the IB, and must be on any one of the six prescribed titles issued by the IB for each examination session. The teacher internally assesses the presentation, done individually or in a group. <i>Priority registration will go to IB Diploma Program candidates.</i>

COMMUNITY COLLEGE PROGRAMS

COURSE TITLE:	The Middle College Program
High School Courses: • English 3 • English 4 • US History • Amer Govt • Economics Other Graduation Requirements are taken through West Valley Classes Grade Level: 11-12	The Middle College Program is a high school alternative for juniors and seniors that offers students with a minimum 2.8 GPA and college potential the opportunity to complete their high school requirements on the campus of West Valley College. The program empowers students by giving them choices and treating them as adults. Designed to provide a supportive yet challenging adult educational setting, students will take college-level courses while completing high school graduation requirements. This educational environment will provide students with an opportunity to stimulate their academic development and spark their quest for learning. For information, please contact your Counselor. • West Valley Community College courses taught at WVCC campus • Application Required
COURSE TITLE:	The College Advantage Program
Grade 12 • West Valley Community College courses taught at WVCC campus • Qualified students are selected for participation	The College Advantage Program is an educational option for high performing seniors, who have at least a 3.8 weighted GPA, to complete a year of college while completing the requirements for their high school diploma. Their entire senior year is spent at West Valley College in a variety of college courses in English, mathematics, science, humanities, and social science. They may begin a certificate program, an associate degree and/or accrue transferable college credits for a four-year university. There is an option to participate in a college honors program. Upon completion of high school graduation requirements; students will receive a diploma from their home high school. For information, please contact your Counselor.

SPECIAL EDUCATION

Campbell Union High School District ensures that all students with exceptional needs are provided a free and appropriate public education and related services in the least restrictive environment. CUHSD coordinates with school districts within the Special Education Local Planning Area (SELPA) and the Santa Clara County Office of Education (SCCOE) to provide a continuum of services for students with special needs who are of high school age.

LEAST RESTRICTIVE ENVIRONMENT

To the maximum extent appropriate, students with disabilities are educated with students who do not have disabilities. This would include students attending their neighborhood school whenever possible.

SERVICES

Students who qualify for Specialized Academic Instruction may receive services based on student need. The IEP Team will develop an individual program in the least restrictive environment.

COMPLETING HIGH SCHOOL

The district provides three options for special needs students for completion of their high school program.

DIPLOMA

Students may earn a standard high school diploma upon meeting the district graduation requirements of 220 credits, which includes 3 years of math, one of which is the state required Algebra 1 content.

EDUCATIONAL ACHIEVEMENT CERTIFICATE (EAC)

Special needs students who may be challenged by Algebra 1 may earn an EAC upon meeting all district requirements except for Algebra 1 content.

CERTIFICATE OF COMPLETION (COC)

Students participating in the Life Skills program may earn a Certificate of Completion based upon completing their prescribed educational program as determined by their Individual Education Program (IEP).

BOYNTON HIGH SCHOOL

901 Boynton Avenue

San Jose, CA 95117

(408)626-3404

Boynton High School is Campbell Union High School District's continuation high school that provides an alternative educational environment for students in 11th or 12th grade, who are deficient in credits, and are at-risk of not graduating. Boynton placement is determined through a referral process from a student's home school or by District administrative placement.

The mission of Boynton High School is for students, parents, staff and community members to work together to create a safe environment recognizing individual differences, celebrating cultural diversity, and using curriculum aligned with the common core state standards. Student/Teacher relationships are at the core of the instructional model used at Boynton. Boynton staff provides an encouraging environment that supports the social and emotional needs of students. Teachers challenge students academically by personalizing and differentiating instruction. Boynton's student learning outcomes identified in the school's WASC report focuses on developing problem solving skills, communication skills and technology skills to prepare our students for life in the 21st century. We want all students to leave Boynton College/Career ready.

A comprehensive guidance program includes an Advisory period four days a week, flexible scheduling, college and career exploration, and individualized graduation plans. Students will earn a traditional high school diploma and will graduate from their homeschool by completing 220 credits. Boynton has a block schedule. Classes begin at 8:30 am Monday-Friday and dismiss at 1:55pm with the exception of every Wednesday in which the students are dismissed at 11:40am.

For more information on the referral process, families need to contact the Counselor or Assistant Principal at their home school. For specific information about Boynton's schedule, course offerings, or credit recovery, contact the Assistant Principal at Boynton.

Independent Studies Program (ISP)

The Independent Studies Program (ISP) is a fully online, asynchronous learning experience for students in all grade levels and is a voluntary program chosen by a student and their parent or guardian. Please note that this is NOT a hybrid program. Placement in ISP requires completing an application, attending a mandatory orientation by both student and parent or guardian and signing a contract.

The version of the program described on this page is for General Education students or students with 504s. There is an Independent Studies Program (ISP) that serves our Special Education students. If your student has an IEP and you are interested in ISP, contact their Case Manager for more information about the program and placement process. You can also contact the Director of Special Education, Kara Butler, at kbutler@cuhsd.org.

Below are key attributes of students who tend to succeed in the ISP:

- Organized
- Independent Learner
- Motivated
- Strong work ethic
- Attends Edgenuity teacher Office Hours for additional support
- Checks email on a daily basis
- Meets with the ISP teacher weekly to discuss progress
- Maintaining the pacing schedule outlined in Edgenuity

Students remain enrolled at their home high school and graduate from their home high school while participating in the Independent Studies Program.

The Independent Studies Program (ISP) allows students to complete all of their classes online using the Edgenuity platform. Students are expected to log in Monday through Friday and dedicate an average of two hours per subject per day—approximately six hours total—to stay on pace.

To meet attendance requirements, students must meet with their assigned ISP teacher once a week for 30 minutes. Before joining ISP, both the student and a parent or guardian must sign an Independent Studies contract.

For more information about the application process, families should contact the student's Counselor or Assistant Principal at their home high school.